

REVENUE SOURCES BOOK

FORECAST & HISTORICAL DATA

SPRING 1993



STATE OF ALASKA

Walter J. Hickel, Governor

DEPARTMENT OF REVENUE

Darrel J. Rexwinkel, Commissioner

STATE OF ALASKA

DEPARTMENT OF REVENUE

OFFICE OF THE COMMISSIONER

WALTER J. HICKEL, GOVERNOR

P. O. Box 110400
Juneau, Alaska 99811-0400
PHONE: (907) 465-2300
FAX #: (907) 465-2389

March 5, 1993

The Honorable Walter J. Hickel
Governor
P.O. Box 110001
Juneau, Alaska 99811-001

Dear Governor Hickel:

RE: Spring 1993 Revenue Sources Book

The Spring revenue forecast projects modestly different revenues than those we forecasted last Fall. Although oil prices fell significantly just after releasing the Fall estimates, prices have rebounded primarily due to the recent OPEC agreement. In addition, thanks to the diligent efforts of the Department's auditors and the Department of Law, the State received additional tax and royalty payments from prior years' oil production. As a result, FY 1993 Mid Scenario General Fund unrestricted revenues have been revised upward by \$114.7 million.

Mid Scenario FY 1994 General Fund unrestricted revenues have also been revised slightly upward by \$15.9 million. The Department continues to believe that increasing world oil consumption will keep pressure on supply resulting in oil prices at levels around \$18.00-\$19.00/bbl for Alaska North Slope quality oil. World oil consumption should rise as the global economy comes out of the current doldrums. Supply pressure should persist due to a continuing embargo of Iraqi production and a further slide in production from the Commonwealth of Independent States.

Alaska continues to rely on petroleum related revenues for approximately 85 percent of its revenue stream. This high degree of dependency on oil means that State revenues are particularly vulnerable to swings in the market price of oil and in the level of production. The scenario approach to forecasting oil prices is meant to illustrate how varying political and economic factors can easily result in significantly different oil prices. The range between the High and Low Scenarios encompasses a realistic range of possible revenue outcomes. However, as both the crash of 1986 and the spike in 1990 illustrate, either shortfalls or windfalls are possible. Over the long-run, our forecast demonstrates that oil price increases cannot be counted on to offset the decline in production from the mammoth Prudhoe Bay oil field.

Finally, I would like to stress that the forecast is based on conservative assumptions about future enhancements of petroleum reserves. Therefore, the forecast excludes new discoveries and development of oil or gas made possible by technological breakthroughs. Tax and royalty settlements are included in the forecast when collected. This means the recently announced \$630 million BP America settlement is not included.

I believe the revenues forecasted in this report represent our best estimate of future revenues.

Sincerely,

Darrel J. Rexwinkel
Commissioner

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
REVENUE FORECAST SUMMARY	
<u>Outlook for Short-Term (FY 1993 - 1995)</u>	1
<u>Outlook for Long-Term (FY 1996 - 2010)</u>	2
REVENUE FORECAST: SHORT-TERM OUTLOOK (FY 1993 - 1995)	
<u>General Fund Unrestricted and Restricted Revenues</u>	3
<u>Petroleum Revenues</u>	
Importance of Petroleum Revenues	8
<u>Current Oil Market Situation</u>	
World Market	14
Alaska North Slope Market	15
<u>Forecast Assumptions</u>	
ANS Lower 48 Prices	16
Transportation Costs to Lower 48 Markets	18
Trans Alaska Pipeline System Tariffs	19
Wellhead Price for ANS	20
Oil Production Outlook	21

Other Non-Oil Revenue Sources Assumptions

Oil Corporate Taxes	22
Non-Oil Corporate Taxes	22
Property Taxes	22
Alcoholic Beverage Taxes.....	22
Intergovernmental Receipts	22
Investment Earnings	23
Facilities and Related Charges	23

Methodology 23

Scenarios over the Short-Term

Low Scenario	24
Mid Scenario	26
High Scenario	28

REVENUE FORECAST:
LONG-TERM OUTLOOK (FY 1996 - 2010) 33

HISTORICAL REVENUES, PRICES AND PRODUCTION 49

FORECAST FIGURES

<u>FIGURE</u>	<u>PAGE</u>
1. General Fund Unrestricted Revenues, FY 1992 Actual and FY 1993 - 1995 Estimates	3
2. FY 92 General Fund Unrestricted Revenues	8
3. FY 92 General Fund Unrestricted Revenues (Detailed Petroleum Revenues as Percentages of the Total)	9
4. Percentage of General Fund Unrestricted Revenues Which Come from Petroleum (FY 1977 - 1995)	10
5. OPEC Production	14
6. ANS Spot Price, January 1988 - January 1993	15
7. ANS at the U.S. Gulf (January 1990 - December 1995)	17
8. ANS at the U.S. West Coast (January 1990 - December 1995)	17
9. Total Transportation Costs to Lower 48, Pipeline and Tanker (January 1988 - January 1993)	18
10. ANS at the Wellhead (January 1990 - December 1995).....	20
11. Simulated Oil Production, Total Alaska and Mid Case Prudhoe Bay (FY 1992 - 2010)	21
12. General Fund Unrestricted Revenue Projections	
Low Scenario, FY 1981 - 2010	34
Mid Scenario, FY 1981 - 2010	34
High Scenario, FY 1981 - 2010	34

FORECAST TABLES

<u>TABLE</u>	<u>PAGE</u>
1. General Fund Unrestricted Revenues and ANS Lower 48 Price (FY 1992 Actual and FY 1993 - 1995 Estimates)	1
2. General Fund Unrestricted Revenues and ANS Lower 48 Price (FY 1996 - 1998 and FY 2000)	2
3. General Fund Unrestricted Revenues (Details of FY 1992 and FY 1993 - 1995 Estimates)	4-6
4. General Fund Unrestricted Revenues: Petroleum Revenues as a Percentage of the Total.....	7
5. Alaska State Revenue Matrix Unrestricted General Fund, FY 1993	12
6. Alaska State Revenue Matrix Unrestricted General Fund, FY 1994	13
7. OPEC Production	14
8. Scenarios for ANS Oil Price, Gulf Coast and West Coast (FY 1993 - 1995, FY 2000, FY 2005)	16
9. Marine Transportation Costs, Valdez to Lower 48 (FY 1993 - 1995, FY 2000, FY 2005)	18
10. Scenarios for TAPS Tariffs (FY 1985 - 2005)	19
11. Scenarios for ANS Wellhead Price (FY 1993 - 1995, FY 2000, FY 2005)	20
12. Low Scenario Revenues, Oil Prices and Production (FY 1993 - 1995)	24
13. Low Scenario Global Oil Market Assumptions (FY 1992 - 1994)	25
14. Mid Scenario Revenues, Oil Prices and Production (FY 1993 - 1995)	26
15. Mid Scenario Global Oil Market Assumptions (FY 1992 - 1994)	27
16. High Scenario Revenues, Oil Prices and Production(FY 1993 - 1995)	28
17. High Scenario Global Oil Market Assumptions (FY 1992 - 1994)	29

Projected and Historical Crude Oil Spot Prices for Alaska
North Slope Crude and Domestic Marker

18.	Low Scenario (FY1992 - 1995)	30
19.	Mid Scenario (FY1992 - 1995)	31
20.	High Scenario (FY1992 - 1995)	32
21.	Spring 1993 Forecast Assumptions	35

Detailed Revenue Projections

22.	Low Scenario (FY 1981 - 2010)	36-37
23.	Mid Scenario (FY 1981 - 2010)	38-39
24.	High Scenario (FY 1981 - 2010)	40-41

Petroleum Production Revenue Forecast

25.	Low Scenario (FY 1992 - 2010)	42
26.	Mid Scenario (FY 1992 - 2010)	43
27.	High Scenario (FY 1992 - 2010)	44
28.	Projected and Historical Crude Oil Prices, Alaska North Slope & Domestic Marker in 1992 Constant \$/barrel	45

Simulated Oil Production

29.	Low Scenario (FY 1992 - 2010)	46
30.	Mid Scenario (FY 1992 - 2010)	47
31.	High Scenario (FY 1992 - 2010)	48
32.	Historical General Fund Unrestricted Revenues (FY 1978 - 1992).....	50-51
33.	Historical Restricted Revenues and Total General Fund Revenues (FY 1978 - 1992)	52
34.	Historical Petroleum Revenues (FY1959 - 1992)	53
35.	Historical Prices and Production (FY 1978 - 1992)	54

REVENUE FORECAST SUMMARY

Outlook for Short Term (FY 1993 - FY 1995)

Alaska's revenue outlook continues to rely heavily on petroleum revenues. The outlook for oil prices over the next two years depends primarily on how the Organization of Petroleum Exporting Countries (OPEC) responds to evolving market fundamentals. The strength of recovery of global economies, the timing of the lifting of United Nations (U.N.) sanctions on Iraqi crude exports, the increase in Saudi Arabia and Iran production capacity and the pace of decline in production from the Commonwealth of Independent States, are major factors that will also determine the relative strength or weakness of the crude oil market. Although new energy taxes have been proposed by President Clinton, no attempt is made to forecast the impact such taxes would have on the oil market.

The three oil price scenarios which underpin the revenue forecast are summarized as follows:

Low Scenario: A slow recovery from the global economic recession dampens oil consumption growth, U.N. sanctions are lifted and Iraqi crude returns to the global export market and Middle East production capacity increases which results in downward pressure on oil prices.

Mid Scenario: An upturn in the global economy results in moderate oil consumption growth, the U.N. embargo on Iraqi crude continues and a decline in non-OPEC production results in stronger oil prices by 1993 and beyond as OPEC's market share increases.

High Scenario: The global economy is vigorous by the end of 1993 with oil consumption putting pressure on available supply resulting in upward pressure on oil prices.

The following table illustrates the Alaska North Slope (ANS) Lower 48 oil price and General Fund unrestricted revenue outlook for the short term. Revenues considered to be program receipts in the state's budgeting process are not included. The scenarios presented in this forecast represent a probable range of outcomes. None of the scenarios will prove totally correct.

Table 1

General Fund Unrestricted Revenues and ANS Lower 48 Price

	Low (\$Mil)	(\$/bbl)	Mid (\$Mil)	(\$/bbl)	High (\$Mil)	(\$/bbl)
FY 1992 Actual	2,462.6	16.88	2,462.6	16.88	2,462.6	16.88
FY 1993	2,268.1	17.75	2,386.2	18.01	2,487.7	18.30
FY 1994	2,058.5	16.93	2,303.8	18.38	2,547.3	19.71
FY 1995	2,083.8	17.47	2,390.5	19.24	2,624.2	20.52

Outlook for Long-Term (FY 1996 - FY 2010)

The long-term revenue outlook is dominated by the depletion of petroleum reserves of the Prudhoe Bay oil field. Higher oil prices in the future may offset some of the negative revenue impact of lower oil production levels. However, even in the high price scenario, inflation adjusted General Fund unrestricted revenues fall below \$2.0 billion by FY 2001. That compares to FY 1992 revenues of nearly \$2.5 billion.

Long-term oil production scenarios show total Alaskan oil production falling to one-half of current levels by FY 2002 in all three scenarios. Oil prices are assumed to grow from current levels at roughly the rate of inflation in the Low Scenario, by 0.5 percent greater than the rate of inflation in the Mid Scenario and by 1.0 percent greater than the rate of inflation in the High Scenario.

This relatively gloomy long-term revenue forecast is based on an extrapolation of what is happening currently. This forecast does not include any revenues from new oil fields which may be discovered and developed, such as the Arctic National Wildlife Refuge (ANWR), nor does it factor in any allowance for technological developments which will increase production from Alaska's older fields. Further, no major revenues are forecast for development of the Arctic natural gas resource.

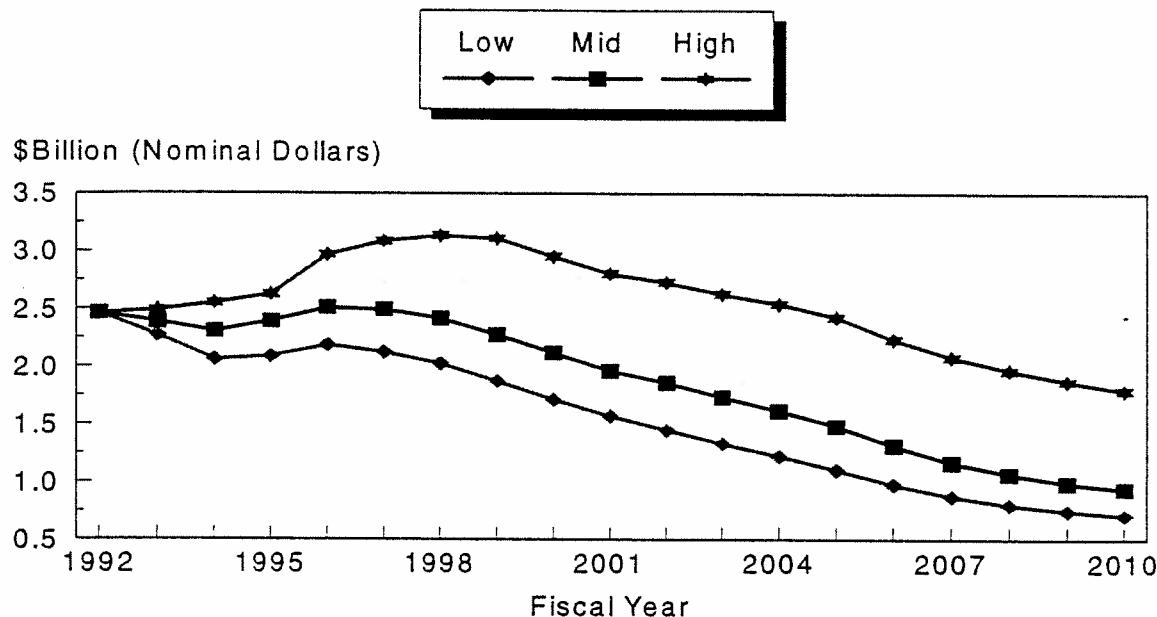
Table 2

General Fund Unrestricted Revenues and ANS Lower 48 Price

	Low (\$Mil)	Mid (\$/bbl)	High (\$Mil)	(\$/bbl)
FY 1996	2,182.0	18.74	2,508.2	20.99
FY 1997	2,120.6	19.85	2,491.8	22.68
FY 1998	2,023.9	20.42	2,414.5	23.78
FY 2000	1,712.7	21.60	2,116.8	26.14
			2,950.1	29.38

Figure 1

General Fund Unrestricted Revenues
FY 1992 Actual and FY 1993 - 1995 Estimates



REVENUE FORECAST: SHORT-TERM OUTLOOK (FY 1993 - 1995)

General Fund Unrestricted and Restricted Revenues

This section analyzes unrestricted revenues over the next two and a half years through the rest of FY 1993 to the end of FY 1995. Both unrestricted and restricted revenues flow into the General Fund, the account which finances most of the budget. The difference between these two types of revenues is in how the legislature can use them. Unrestricted revenues have no restrictions on their use. Restricted revenues carry some restriction on their use. For most restricted revenues, the restriction comes from the Federal government.

Because restricted revenues are specific in their use, discussions of revenues in this publication focus on unrestricted revenues. Program receipt revenues and restricted revenues designated in the state's budgeting process are not included in this forecast.

The following table shows all sources of unrestricted General Fund revenues for FY 1992 through FY 1995.

Table 3

GENERAL FUND UNRESTRICTED REVENUES

(Millions of Dollars)

TAXES	FY 1992 Actual	FY 1993 ESTIMATES			FY 1994 ESTIMATES			FY 1995 ESTIMATES		
		Low	Mid	High	Low	Mid	High	Low	Mid	High
Income										
Corporate - General	33.7	23.0	29.0	41.0	23.0	29.0	41.0	22.0	27.0	39.0
Corporate - Petroleum	<u>165.5</u>	<u>150.0</u>	<u>220.0</u>	<u>260.0</u>	<u>106.0</u>	<u>139.0</u>	<u>178.0</u>	<u>106.0</u>	<u>139.0</u>	<u>178.0</u>
Total (1)(2)	<u>199.2</u>	<u>173.0</u>	<u>249.0</u>	<u>301.0</u>	<u>129.0</u>	<u>168.0</u>	<u>219.0</u>	<u>128.0</u>	<u>166.0</u>	<u>217.0</u>
Severance										
Oil & Gas Production (1)	1022.2	974.3	992.6	1013.5	901.9	1000.7	1096.4	916.7	1032.5	1121.6
Oil & Gas Conservation	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Oil & Hazardous Release (3)	<u>28.7</u>	<u>26.7</u>	<u>26.7</u>	<u>26.7</u>	<u>26.7</u>	<u>26.7</u>	<u>26.7</u>	<u>26.2</u>	<u>26.2</u>	<u>26.2</u>
Total	<u>1053.2</u>	<u>1003.1</u>	<u>1021.4</u>	<u>1042.3</u>	<u>930.7</u>	<u>1029.5</u>	<u>1125.2</u>	<u>945.0</u>	<u>1060.8</u>	<u>1149.2</u>
Property										
Oil & Gas (4)	<u>69.0</u>	<u>62.8</u>	<u>62.8</u>	<u>62.8</u>	<u>59.6</u>	<u>59.6</u>	<u>59.6</u>	<u>56.6</u>	<u>56.6</u>	<u>56.6</u>
Sale/Use										
Alcoholic Beverages	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Fuel Taxes - Aviation (5)	10.7	10.5	10.5	10.5	10.5	10.5	10.5	10.9	10.9	10.9
Fuel Taxes - Highway	23.2	22.0	22.0	22.0	21.5	21.5	21.5	21.5	21.5	21.5
Fuel Taxes - Marine	9.4	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7
Tobacco Products (6)	<u>14.3</u>	<u>14.4</u>	<u>14.4</u>	<u>14.4</u>	<u>14.4</u>	<u>14.4</u>	<u>14.4</u>	<u>14.4</u>	<u>14.4</u>	<u>14.4</u>
Total	<u>62.6</u>	<u>68.4</u>	<u>68.4</u>	<u>68.4</u>	<u>68.1</u>	<u>68.1</u>	<u>68.1</u>	<u>68.5</u>	<u>68.5</u>	<u>68.5</u>
Miscellaneous - Other Taxes										
Alaska Business License (7)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fish (8)	30.1	21.0	27.0	36.0	21.0	27.0	36.0	21.0	27.0	36.0
Salmon Enhancement (9)	4.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Seafood Marketing (10)	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Insurance Companies	25.5	25.5	25.5	25.5	26.0	26.0	26.0	26.5	26.5	26.5
Electric & Telephone Coops (11)	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Gaming (12)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Mining License Tax	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Estate	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>
Total	<u>67.7</u>	<u>60.5</u>	<u>66.5</u>	<u>75.5</u>	<u>61.0</u>	<u>67.0</u>	<u>76.0</u>	<u>61.5</u>	<u>67.5</u>	<u>76.5</u>
TOTAL TAXES	1458.7	1367.8	1468.1	1550.0	1248.4	1392.2	1547.9	1259.6	1419.4	1568.5

ENSES & PERMITS								
Business (7)(13)	5.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Non-Business	27.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0
Total	32.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0
INTERGOVERNMENTAL RECEIPTS								
Federal Shared Revenues (14)(15)	6.7	7.0	7.0	7.2	7.2	7.4	7.4	7.4
Section 8(g) Funds (14)(16)	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Total	11.4	11.7	11.7	11.9	11.9	12.1	12.1	12.1
STATE RESOURCE REVENUE								
Sale/Use								
Bonus Sales (14)(17)(18)	2.6	37.8	37.8	0.0	0.0	0.0	0.0	0.0
Rents (14)(18)	3.9	5.0	5.0	5.5	5.5	6.0	6.0	6.0
Royalties (14)	702.4	730.0	745.8	696.7	783.5	713.9	816.3	890.0
Sale of State Property (7)	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Gravel, Timber, etc. (7)	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Total	710.5	773.6	789.4	703.0	789.8	720.7	823.10	896.8
Investment Earnings	101.8	61.0	63.0	65.7	39.0	53.7	53.9	54.5
Facilities Related Charges								
Airports	3.4	2.0	2.0	2.5	2.5	3.0	3.0	3.0
Ferry System (19)	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	2.3	2.0	2.0	2.5	2.5	2.5	2.5	2.5
Total	48.0	4.0	4.0	5.0	5.0	5.5	5.5	5.5
Services Related Charges								
Court System	6.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Other (20)	32.2	2.5	2.5	3.7	3.7	3.9	3.9	3.9
Total	38.4	9.0	9.0	10.2	10.2	10.4	10.4	10.4
TOTAL RESOURCE REVENUE	898.7	847.6	865.4	751.2	858.7	771.1	918.0	1002.6
MISCELLANEOUS REVENUE (21)	61.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0
TOTAL UNRESTRICTED REVENUE (22)	2462.6	2268.1	2386.2	2487.7	2058.5	2303.8	2547.3	2083.8
MENTAL HEALTH TRUST (23)	152.1	136.1	143.2	149.3	123.5	138.2	152.8	125.0
								143.4
								157.5

FOOTNOTES

- (1) FY 92 and FY 93 figures include corporate petroleum and oil and gas production tax settlements of \$156.3 million and \$114.9 million, respectively.
- (2) Figures include that portion (\$46.648 million in FY 92) annually shared through the municipal assistance program (AS 29.60.350).
- (3) Reflects enactment of the conservation surcharge on oil (Ch. 112, SLA 1989).
- (4) Figures only reflect the State's share of the total. The projected total property tax and the municipalities' share are as follows (millions \$): FY 93: \$310.6 and \$247.8; FY 94: \$314.7 and \$255.2; FY 95: \$315.7 and \$259.1, respectively.
- (5) Includes that portion annually shared to qualified municipalities (AS 43.40.010).
- (6) Figures reflect the increased millage rate for the General Fund portion from 5.5 to 12 mills per cigarette per AS 43.50.190.
- (7) Figures reflect the trend of shifting fees by various agencies from General Fund unrestricted revenues to restricted Program Receipts.
- (8) The figure of \$30.1 million is the remainder after tax credits have been applied. The amount of \$30.1 million must be further reduced by \$14.5 million in FY 92 for municipal revenue sharing (AS 43.75.130).
- (9) Provides annual funding based on collections for qualified regional aquaculture associations (AS 43.76.025).
- (10) Provides annual funding, based on collections, for the Alaska Seafood Marketing Institute (AS 16.51.160).
- (11) Figures include that portion (\$2.1 million for FY 92) annually refunded to local taxing authorities (AS 10.25.570).
- (12) Reflects enactment of the Gaming Reform Act (Ch. 99, SLA 1988), effective September 2, 1988.
- (13) Figures include that portion of amusement and gaming licenses (AS 43.35.050) and liquor licenses (AS 04.11.610) annually shared to qualified municipalities.
- (14) Net of Permanent Fund and Public School Fund contributions. For royalties this includes payment of prior year adjustments of \$24.8 million and \$6.3 million for FY 92 and FY 93, respectively.
- (15) National forest receipts transferred to organized and unorganized boroughs per Chapter 37, SLA 1991.
- (16) Reflects the OCS "8(g)" revenue sharing settlement monies. The General Fund share represents 49.5 percent of the aforementioned total, whereas the Permanent Fund receives 50.0 percent. The remaining 0.5 percent is distributed to the Public School Fund.

- (17) Figures for FY 92 and FY 93 reflect actual state lease sales: FY 92 (Sale 74, Cook Inlet, September, 1991, \$320,852—Sale 61, White Hills, January, 1992, \$2.4 million—Sale 68, Beaufort Sea, June, 1992, \$0); FY 93 (Sale 75, Kuparuk Uplands, December, 1992, \$9,750,111.21—Sale 76, Cook Inlet, January, 1993, \$65,269,166.65—Sale 67AW, Cook Inlet, January, 1993, \$2,433,863.85).
- (18) The Department of Natural Resources projects the following FY 93, FY 94, and FY 95 state lease sales: FY 93 (Sale 77, Nanushuk, May, 1993—Sale 70AW, Kuparuk Uplands, May, 1993); FY 94 (Sale 57, North Slope Foothills, September, 1993—Sale 75A, Colville, September, 1993—Sale 78, Cook Inlet, January, 1994); FY 95 (Sale 79, Yakataga, July, 1994—Sale 80, Shavivik, November, 1994—Sale 81, Beaufort Sea, April, 1995). However, bonus bids are impossible to anticipate prior to sales; therefore, no estimates are provided.
- (19) Chapter 193, SLA 1990, establishes the Alaska Marine Highway System Fund, and provides that gross revenue of the State ferry system be deposited in the fund which may then be appropriated for operating and capital expenditures.
- (20) The figure for FY 92 contains reimbursement costs of \$25.3 million to the General Fund for legal services rendered per the EXXON VALDEZ oil spill settlement agreement.
- (21) The state received \$50.3 million in FY 92 from the EXXON VALDEZ oil spill case which was placed in a judgement settlement account within the General Fund.
- (22) The State, per AS 38.05.180, grants incentive credits against royalties, severance taxes, and rentals to the oil companies for drilling exploratory wells. The credits granted and applied for in FY 92 have not been subtracted from the aforementioned unrestricted revenues. Additional credits are anticipated in subsequent years.
- (23) Chapter 210, SLA 1990, allocates 6.0 percent of General Fund unrestricted revenues to the Mental Health Trust Income Account until such time as the original Mental Health Trust Lands are valued. The necessary expenses of Alaska's Mental Health Program must be met before funds in the Mental Health Trust Income Account may be expended for any other public purpose (AS 37.14.021). The amounts shown are included in the aforementioned Total Unrestricted Revenue figures. Currently, the Mental Health Lands Settlement per Chapter 66, SLA 1991 is pending before the courts.

The following table shows that petroleum revenues will dominate in the short-term under all three scenarios.

Table 4 General Fund Unrestricted Revenues:
Petroleum Revenues as a Percentage of the Total

FY 1992 - 1995
(Millions of Dollars)

	<u>Total G. F. Unrestricted from Petroleum</u>	<u>Total G. F. Unrestricted Revenues</u>	<u>Percent</u>
<u>FY 92 Actual</u>	2,007.4	2,462.6	82
<u>FY 93 Estimates</u>			
Low	1,998.4	2,268.1	88
Mid	2,102.5	2,386.2	88
High	2,180.3	2,487.7	88
<u>FY 94 Estimates</u>			
Low	1,807.7	2,058.5	88
Mid	2,026.3	2,303.8	88
High	2,238.6	2,547.3	88
<u>FY 95 Estimates</u>			
Low	1,836.2	2,083.8	88
Mid	2,087.4	2,390.5	87
High	2,289.2	2,624.2	87

Petroleum Revenues

This section underlines the importance of petroleum revenues to Alaska's total revenues; discusses the current oil markets; sets out the petroleum forecast assumptions; describes the Low, Mid, and High Scenarios; and concludes with a note on methodology.

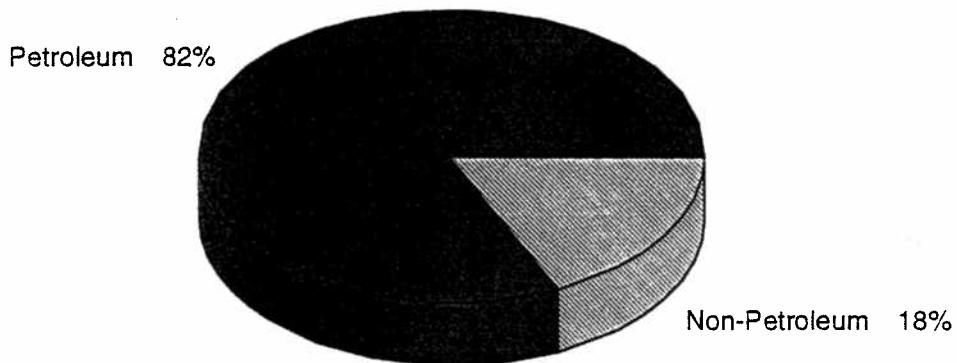
Importance of Petroleum Revenues

Petroleum revenues accounted for 82 percent of all unrestricted General Fund revenues in FY 1992, and will continue to account for close to 80 percent of those revenues each year well into the 1990's.

The figure below shows the relationship of petroleum revenues to all revenues for FY 1992.

Figure 2

FY 92 General Fund Unrestricted Revenues

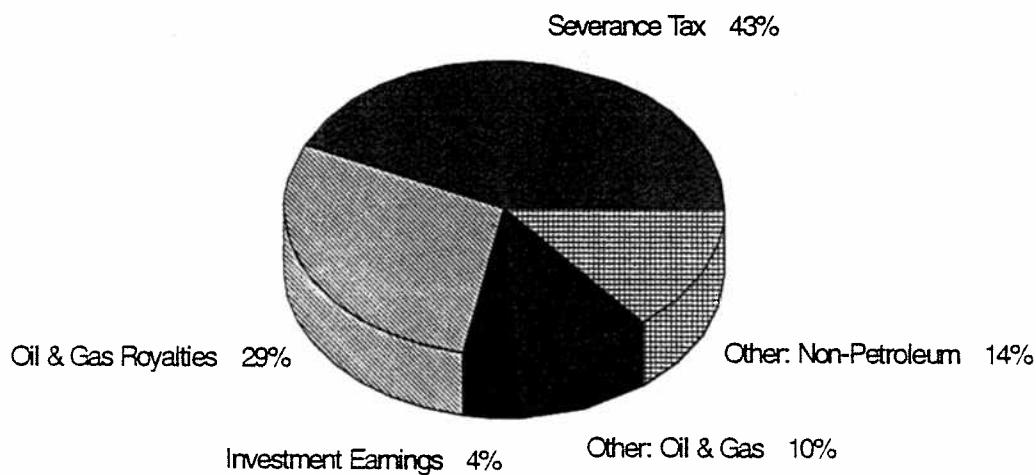


Petroleum revenues come from: (1) severance taxes (also called production taxes); (2) royalties on oil and gas the State owns; (3) corporate income taxes on corporations producing and transporting oil and gas; (4) oil and gas property taxes; and, (5) other oil and gas revenues (rents and bonuses).

Together, these petroleum revenues accounted for 82 percent of State revenues in FY 1992. The State also collects revenues in the form of interest earned on money invested in the State Treasury, which accounted for another four percent of the total General Fund unrestricted revenues. (Most of the earnings come from interest earned on petroleum revenues.) The following figure illustrates this.

Figure 3

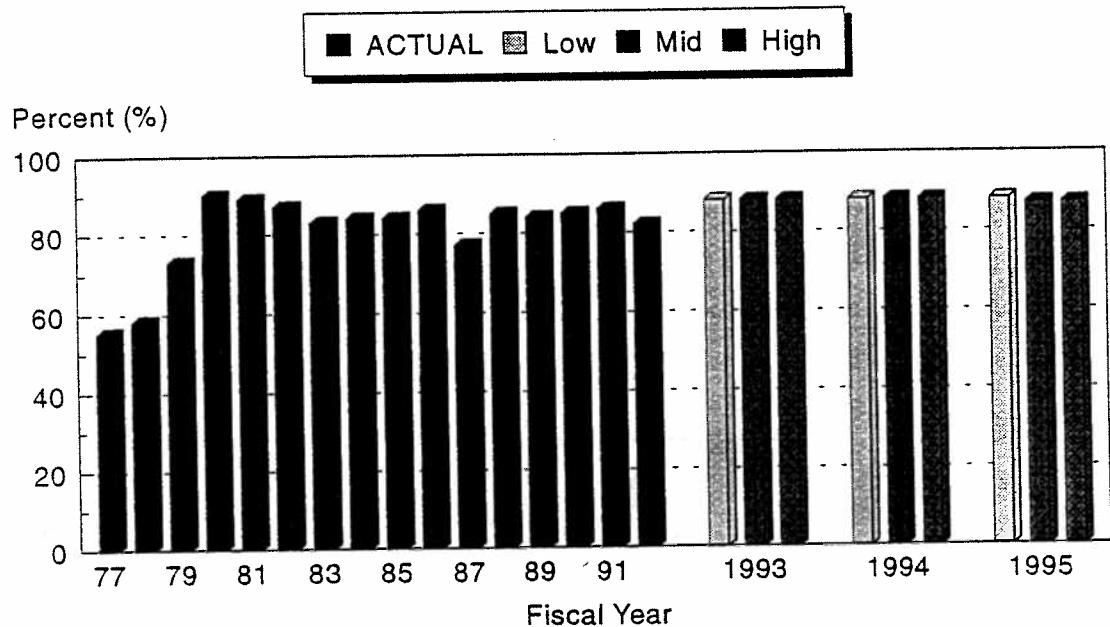
FY 92 General Fund Unrestricted Revenues



The figure below shows that the State of Alaska has received most of its revenues from petroleum for a substantial period. Petroleum revenues comprised more than 77 percent of General Fund unrestricted revenues in FY 1992 for the thirteenth year in a row.

Figure 4

Percentage of General Fund Unrestricted Revenues
Which Come From Petroleum
(FY 1977 - 1995)



In this forecast we discuss only three of the many possible future price and production outcomes affecting Alaska oil revenues.

To assist in examining a greater number of possible future oil revenue outcomes, a revenue matrix has been developed for both FY 1993 and FY 1994. The Alaska State Revenue Matrices on the following two pages provide an estimate of State General Fund unrestricted revenues for various alternative ANS price and production levels.

Table 5

Alaska State Revenue Matrix¹
Unrestricted General Fund
(Millions of Dollars)

FY 1993

Alaska North Slope Production
 Millions of barrels/day

Avg ANS Lower 48 ²	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00
\$10.00	1,840	1,860	1,870	1,880	1,890	1,910	1,920	1,930	1,940
\$11.00	1,840	1,860	1,870	1,880	1,890	1,910	1,920	1,930	1,940
\$12.00	1,840	1,860	1,870	1,880	1,890	1,910	1,920	1,930	1,940
\$13.00	1,840	1,860	1,870	1,880	1,890	1,910	1,920	1,930	1,940
\$14.00	1,890	1,900	1,920	1,930	1,950	1,970	1,980	2,000	2,020
\$15.00	1,940	1,960	1,980	2,000	2,020	2,040	2,060	2,080	2,100
\$16.00	2,050	2,080	2,110	2,140	2,170	2,200	2,230	2,260	2,290
\$17.00	2,170	2,210	2,240	2,280	2,320	2,360	2,400	2,440	2,480
\$18.00	2,280	2,330	2,380	2,430	2,470	2,520	2,570	2,620	2,670
\$19.00	2,390	2,450	2,510	2,570	2,630	2,680	2,740	2,800	2,860
\$20.00	2,510	2,580	2,640	2,710	2,780	2,850	2,910	2,980	3,050
\$21.00	2,620	2,700	2,780	2,850	2,930	3,010	3,080	3,160	3,240
\$22.00	2,740	2,820	2,910	2,990	3,080	3,170	3,250	3,340	3,430
\$23.00	2,850	2,950	3,040	3,140	3,230	3,330	3,420	3,520	3,620
\$24.00	2,960	3,070	3,170	3,280	3,380	3,490	3,590	3,700	3,800
\$25.00	3,080	3,190	3,310	3,420	3,540	3,650	3,760	3,880	3,990
\$26.00	3,190	3,320	3,440	3,560	3,690	3,810	3,930	4,060	4,180
\$27.00	3,310	3,440	3,570	3,710	3,840	3,970	4,110	4,240	4,370
\$28.00	3,420	3,560	3,710	3,850	3,990	4,130	4,280	4,420	4,560
\$29.00	3,530	3,690	3,840	3,990	4,140	4,290	4,450	4,600	4,750
\$30.00	3,650	3,810	3,970	4,130	4,290	4,450	4,620	4,780	4,940

¹ Assumptions other than price and production are based on the Mid Scenario of the Department of Revenue Spring 1993 Forecast.

² The average ANS price for all lower 48 sales is approximately \$0.68/barrel less than the U.S. Gulf price in FY 1992.

Table 6

Alaska State Revenue Matrix¹
Unrestricted General Fund
(Millions of Dollars)

FY 1994

Avg ANS ² Lower 48	Alaska North Slope Production Millions of barrels/day								
	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00
\$10.00	1,160	1,180	1,200	1,220	1,250	1,270	1,290	1,310	1,330
\$11.00	1,270	1,300	1,320	1,350	1,370	1,390	1,420	1,440	1,470
\$12.00	1,400	1,430	1,460	1,480	1,510	1,540	1,570	1,590	1,620
\$13.00	1,520	1,560	1,590	1,620	1,650	1,680	1,710	1,750	1,780
\$14.00	1,650	1,690	1,720	1,760	1,790	1,830	1,860	1,900	1,930
\$15.00	1,770	1,810	1,850	1,890	1,930	1,970	2,010	2,050	2,090
\$16.00	1,900	1,940	1,990	2,030	2,070	2,120	2,160	2,200	2,250
\$17.00	2,020	2,070	2,120	2,170	2,210	2,260	2,310	2,360	2,400
\$18.00	2,150	2,200	2,250	2,300	2,350	2,410	2,460	2,510	2,560
\$19.00	2,270	2,330	2,380	2,440	2,490	2,550	2,600	2,660	2,710
\$20.00	2,400	2,460	2,520	2,580	2,640	2,690	2,750	2,810	2,870
\$21.00	2,520	2,590	2,650	2,710	2,780	2,840	2,900	2,960	3,030
\$22.00	2,650	2,720	2,780	2,850	2,920	2,980	3,050	3,120	3,180
\$23.00	2,780	2,850	2,920	2,990	3,060	3,130	3,200	3,270	3,340
\$24.00	2,900	2,970	3,050	3,120	3,200	3,270	3,350	3,420	3,490
\$25.00	3,030	3,100	3,180	3,260	3,340	3,420	3,490	3,570	3,650
\$26.00	3,150	3,230	3,310	3,400	3,480	3,560	3,640	3,720	3,810
\$27.00	3,280	3,360	3,450	3,530	3,620	3,700	3,790	3,880	3,960
\$28.00	3,400	3,490	3,580	3,670	3,760	3,850	3,940	4,030	4,120
\$29.00	3,530	3,620	3,710	3,810	3,900	3,990	4,090	4,180	4,270
\$30.00	3,650	3,750	3,850	3,940	4,040	4,140	4,240	4,330	4,430

¹ Assumptions other than price and production are based on the Mid Scenario of the Department of Revenue Spring 1993 Forecast.

² The average ANS price for all lower 48 sales is approximately \$0.89/barrel less than the U. S. Gulf price in FY 1993.

Current Oil Market Situation

World Market

In February, OPEC agreed to a 23.582 million bbl/day ceiling for the second quarter of 1993. This agreement requires the cartel cut about 1.5 million bbl/day from its present production. This production strategy is an attempt to support prices which are currently about \$3.00/bbl under OPEC's \$21.00/bbl target.

Kuwaiti production has almost returned to its pre-War level. Though targeting an "all it can" initiative since the Gulf War, Kuwait has agreed to hold production at 1.6 million bbl/day through the second quarter. United Nations sanctions remain in place and Iraqi crude remains out of the worldwide market; this situation will continue until it can be shown that Iraqi weapons of mass destruction are destroyed. The earliest that Iraq could resume its oil exports is year-end 1993 or early 1994.

Worldwide economic recovery will fuel the demand for crude which is projected to increase by 500,000 bbls/day in 1993. The United States will be the driving force for this increase. No assessment of the impact of new energy taxes is made in this forecast. The call on OPEC for crude will increase by about 1 million bbl/day pushing prices upward in the short term.

Figure 5 OPEC Production
Million Barrels/Day

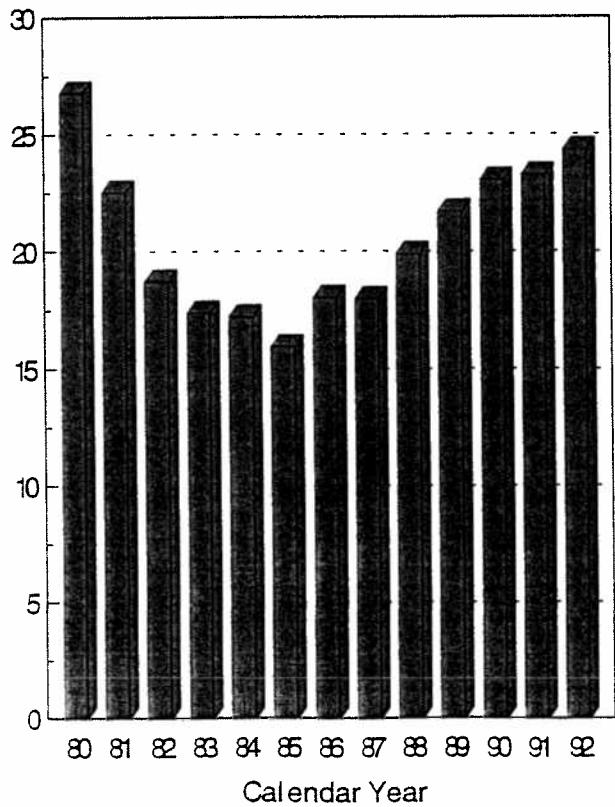


Table 7 OPEC Production¹
(Thousands of bbls/day)

Country	Production	
	Jan 93	Q2 1993 Quota
Algeria	770	732
Ecuador**
Gabon	290	281
Indonesia	1,350	1,317
Iran	3,550	3,340
Iraq	450	400
Kuwait*	1,600	1,600
Libya	1,450	1,350
Nigeria	1,950	1,780
Qatar	460	364
Saudi Arabia	8,500	8,000
UAE	2,270	2,161
Venezuela	2,360	2,267
TOTAL	25,000	23,582

Source: Platts Oilgram Price Report (2/5/93).

* Share Neutral Zone output 1980-July 1990 and beginning in June 1991 due to Persian Gulf War.

** Ecuador left OPEC January 1, 1992.

Alaska North Slope Market

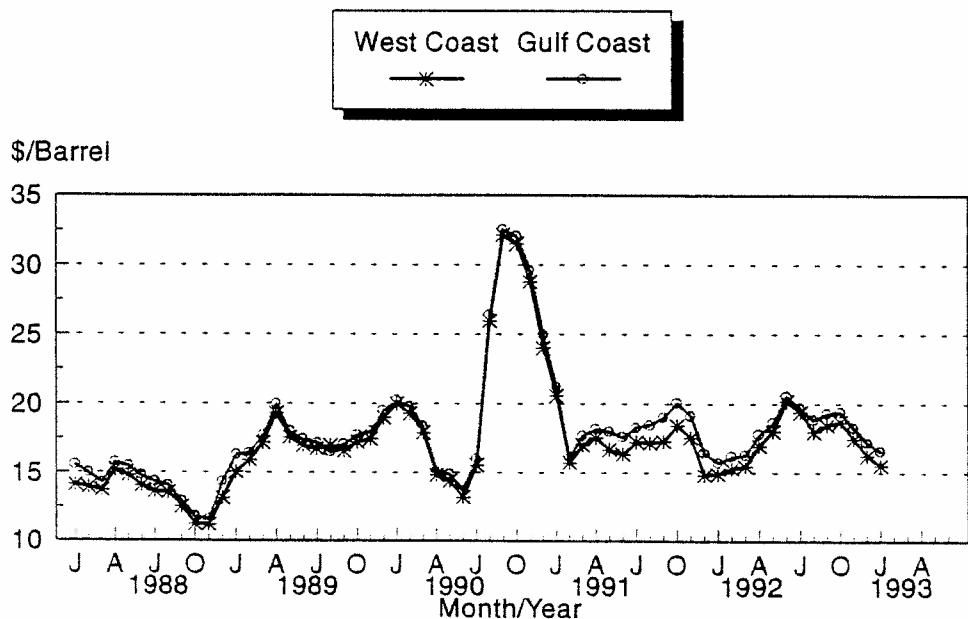
Alaska North Slope (ANS) prices have ranged between \$16.00 and \$19.00/bbl since last Fall. The stagnant global economy has dampened demand and kept downward pressure on oil prices. Additionally, continued over quota production by OPEC has kept an ample supply of crude in the market. FY 1993 ANS Lower 48 spot price is about \$18.11/bbl.

BP Exploration announced its official selling prices for March 1993 as \$16.78/bbl on the West Coast and \$17.90/bbl on the Gulf Coast. Recent spot prices have been running \$0.10/bbl lower than BP's official price.

Roughly 85 percent of ANS production is sold on the West Coast while 15 percent is marketed in the Eastern half of the United States and the Caribbean. As ANS production declines, it is expected that shipments to Eastern U.S. destinations are assumed to cease after 1996. Greater transportation costs to the more distant markets result in a Gulf Coast derived wellhead price which is lower than the West Coast price. Historical ANS spot prices are graphed below.

Figure 6

ANS Spot Price
January 1988 - January 1993



Forecast Assumptions

ANS Lower 48 Prices

The oil price assumptions used in this forecast start with the spot price of ANS at the U.S. Gulf Coast. The price of West Coast ANS and the ANS royalty market basket are forecast based on their historical relationship to Gulf Coast ANS spot price. West Coast ANS sells at a discount to the Gulf Coast because total ANS production exceeds West Coast demand for sour crude oil. It is this crude surplus that necessitates the shipment of ANS to the Gulf. The short term price forecast for ANS is illustrated below.

Over the longer term, as demand on the West Coast grows and ANS production declines, the West Coast oil glut will disappear. In this forecast, West and Gulf Coast oil prices are assumed to converge when the West Coast surplus disappears. The long term forecast for ANS is also illustrated below.

Finally, starting with this forecast, collections of State severance taxes are now assumed to be based directly on spot price. This is a major change in forecasting methodology since in the past we incorporated into the forecast a difference between spot and taxpayer reported prices. This methodological change reflects the current system used to administer severance tax payments. Producers are now required to file a quarterly estimated tax-based payment.

The discussion of price forecast assumptions starts with the Gulf Coast ANS price and outlines the other variables which translate this price into the wellhead price for ANS crude oil. The wellhead price determines the value of production and thus, the state's severance tax and royalty income.

Table 8 Scenarios for ANS Oil Price
Gulf Coast and West Coast

(\$/bbl)

Fiscal	Low		Mid		High	
Year	West	Gulf	West	Gulf	West	Gulf
1993	17.54	18.34	17.78	18.59	18.03	18.86
1994	16.81	17.75	18.25	19.27	19.57	20.67
1995	17.36	18.33	19.12	20.19	20.39	21.54
2000	21.60	21.60	26.14	26.14	29.38	29.38
2005	25.08	25.08	32.51	32.51	40.42	40.42

Over the long-run, demand on the West Coast will increase while ANS production is in decline; the oil glut on the West Coast will then disappear. In this forecast, West Coast and Gulf Coast oil prices are assumed to converge when the West Coast surplus disappears.

Figure 7

ANS at the U. S. Gulf

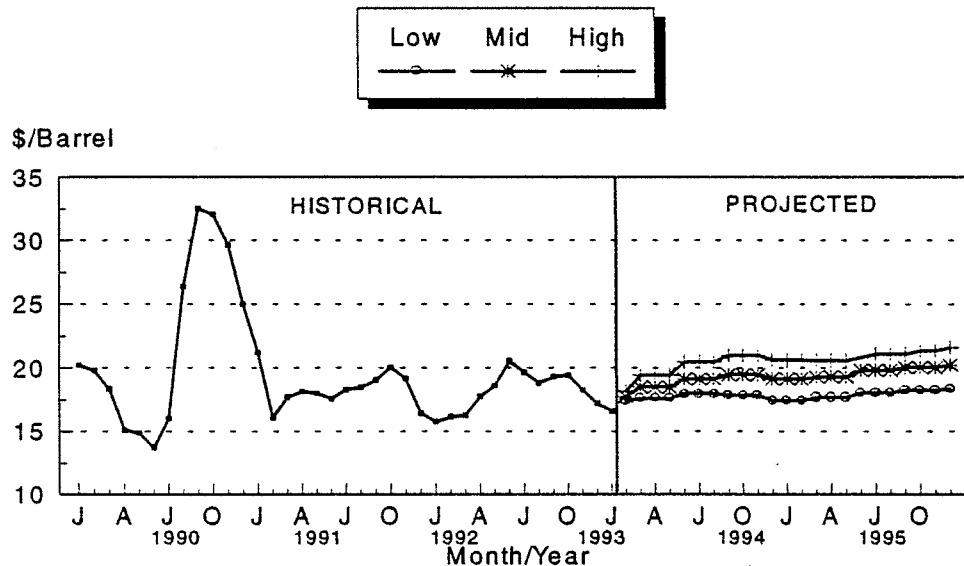
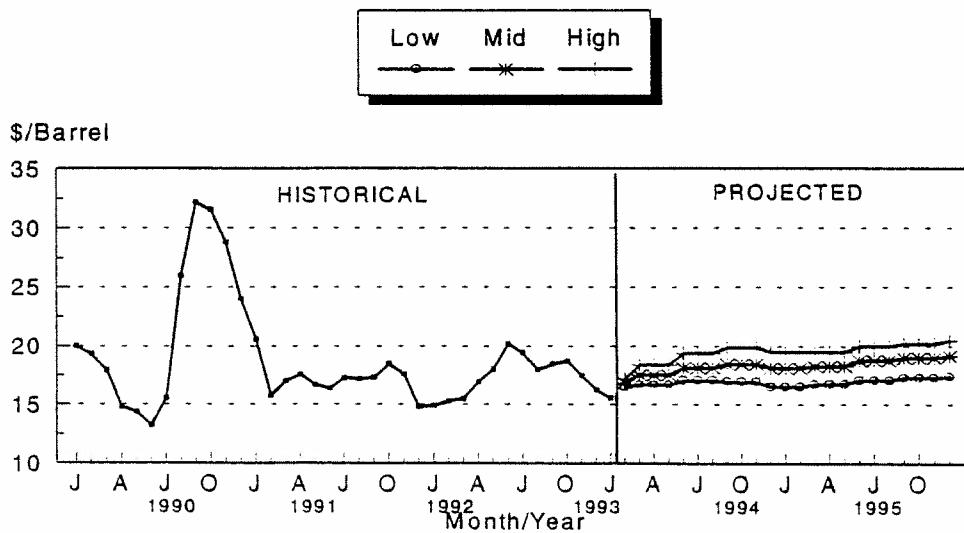


Figure 8

ANS at the U. S. West Coast



Transportation Costs to Lower 48 Markets

The weighted average Lower 48 shipping cost averaged \$1.66/bbl in FY 1992, \$0.30/bbl higher than in the prior year. This increase was mostly attributable to tight markets in the higher cost Gulf trade, where there is significant chartering, and results of the Oilspill Pollution Act of 1990 (OPA90).

As ANS production declines and West Coast petroleum demand increases, shipments to the Gulf will diminish. This will free up excess tonnage. Consequently, average shipping costs are expected to stay fairly constant over the next few years. In the long term the double hulling requirements of OPA90 will result in increased shipping costs.

Table 9

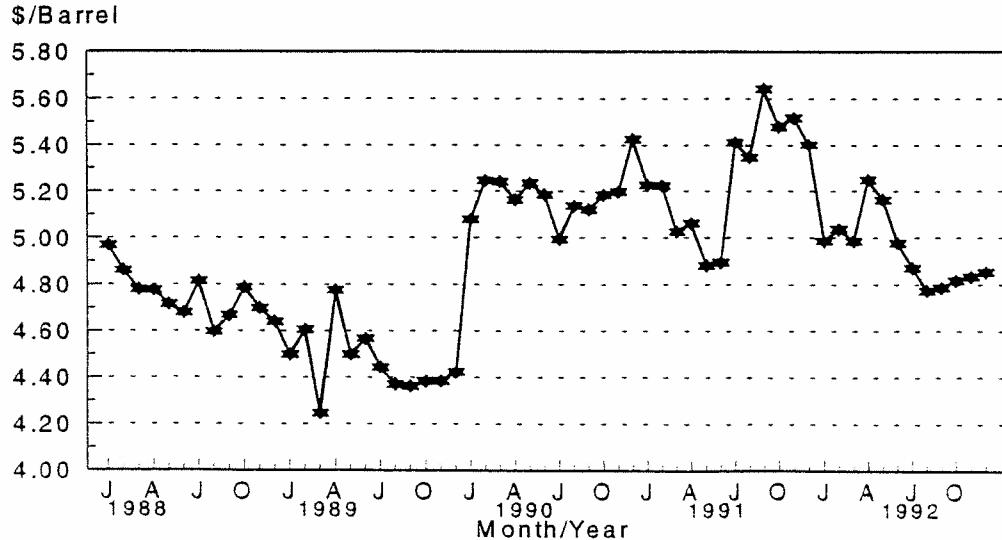
Marine Transportation Costs Valdez to Lower 48

(\$/bbl)

Fiscal Year	Low	Mid	High
1993	1.69	1.69	1.69
1994	1.68	1.69	1.69
1995	1.67	1.68	1.69
2000	1.53	1.58	1.62
2005	1.97	2.07	2.16

Figure 9

Total Transportation Costs to Lower 48 Pipeline and Tanker



Trans Alaska Pipeline System Tariffs

The Trans Alaska Pipeline System (TAPS) tariff is determined according to the TAPS Settlement Method, a ratemaking method agreed upon by the Pipeline owners and the State of Alaska. This agreement allowed an accelerated recovery of the construction costs and a fixed profit of an inflation adjusted \$0.35/bbl. This resulted in higher tariffs from 1977-85 in exchange for lower tariffs in the late 1980's and 1990's.

As can be seen in the table below, the tariff method has worked as intended with the exception of FY 1990 and FY 1991 when the tariff increased due to corrosion repairs, lower than expected TAPS throughput and oil spill mitigation expenditures due to the EXXON VALDEZ accident.

The 1993 average filed tariff was \$2.94/bbl. The filing is made on a calendar year basis while the table below is on a fiscal year basis.

Table 10

Scenarios for TAPS Tariffs

(\$/bbl)

Fiscal <u>Year</u>	<u>ACTUAL</u>	<u>Low</u>	<u>Mid</u>	<u>High</u>
1985	6.04			
1986	5.29			
1987	4.20			
1988	3.54			
1989	3.12			
1990	3.48			
1991	3.75			
1992	3.60			
1993		3.20	3.20	3.20
1994		2.98	2.99	3.00
1995		2.97	3.01	3.02
2000		3.00	3.18	3.08
2005		4.43	4.81	4.69

Wellhead Price for ANS

The wellhead value of ANS, along with production, is the basis for both State severance tax and royalty. The wellhead value is calculated by subtracting the pipeline and marine transportation costs from the sales price (or transfer price at the refinery gate in the case of oil run through a producer's own refinery.)

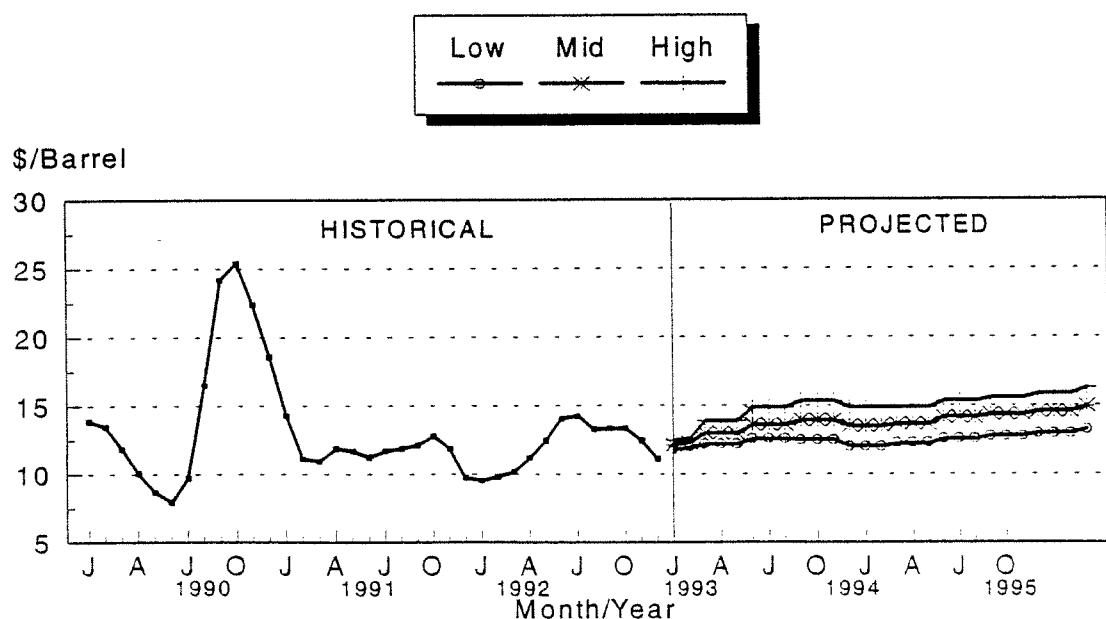
Table 11

Scenarios for ANS Wellhead Price
(\$/bbl)

Fiscal Year	Low	Mid	High
1993	12.66	12.91	13.19
1994	12.33	13.67	14.98
1995	12.89	14.50	15.76
2000	16.89	20.96	24.32
2005	18.21	24.85	32.78

Figure 10

ANS at the Wellhead



Oil Production Outlook

Information for forecasting production comes from expertise at the Alaska Oil and Gas Conservation Commission, in-house engineering models, the operating companies, trade journals, technical reports and news releases. Annual production estimates are shown below.

Over the most recent quarter, North Slope daily oil production is at 96 percent of the rate seen during the same period a year ago. The seven percent decline in Prudhoe Bay liquid hydrocarbons continues to shape the production outlook for the entire state of Alaska. The GHX2 project will add 100,000 bbls/day to Prudhoe Bay in FY 1994.

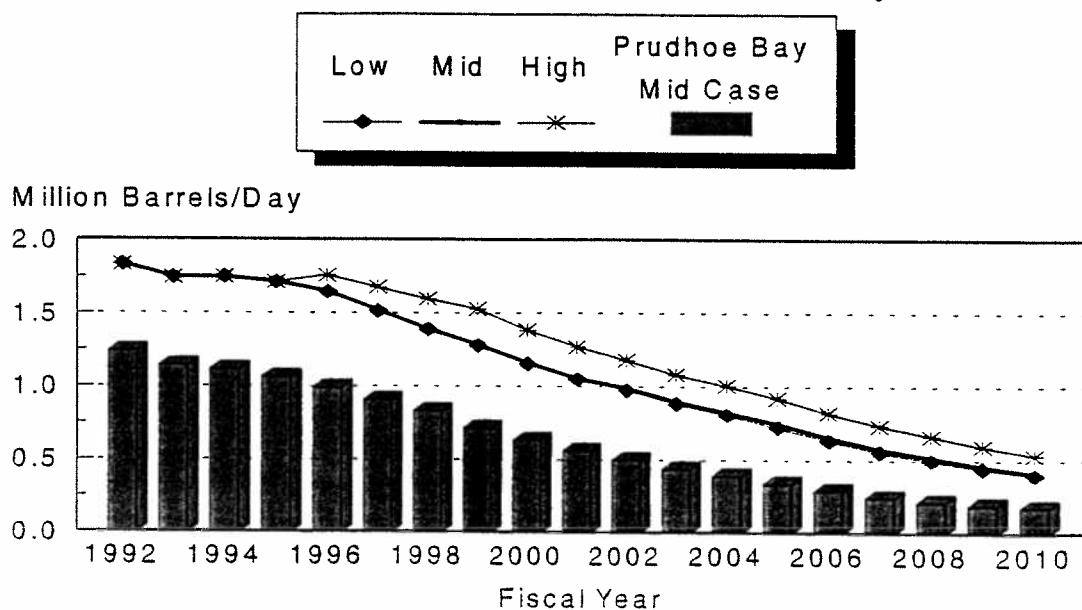
The Point McIntyre field is scheduled to commence production in the summer of 1993 and is expected to later peak at approximately 100,000 bbls/day. The Niakuk field is expected to start up a year later. Insofar as the Point McIntyre and Lisburne oil will be commingled at the latter's limited production facilities, the onset of Point McIntyre will cause a deferment of some Lisburne production.

Cook Inlet production continues to decline at a slow one percent annual rate. Recent developments at Granite Point, and discoveries at the West McArthur River field and the Sunfish prospect (North Forelands field), may stem that rate further. ARCO has announced commerciality of the latter, but has not disclosed the estimated reserves. Due to uncertainty these discoveries are not explicitly assumed in this forecast.

Despite the decline at the Prudhoe Bay field, continued success in reservoir management in all fields and exploration will hold statewide production decline in the near term to less than five percent per year.

Figure 11

Simulated Oil Production Total Alaska and Mid Case Prudhoe Bay



Other Non-Oil Revenue Sources Assumptions

Oil Corporate Taxes

Oil corporate taxes for FY 1992 generated \$165.5 million compared to \$185.1 million collected in FY 1991. In FY 1993, the revenue outlook in this area is greater than FY 1992 due to corporate restructuring to promote more efficient operations and higher oil prices.

Non-Oil Corporate Taxes

Non-petroleum corporate taxes generated \$33.7 million in FY 1992 compared to \$37.9 million in FY 1991. The drop in non-petroleum corporate tax revenue was due to the general slow down in business activity.

Property Taxes

The current oil and gas property tax, which is levied at 20 mills on the full and true value of oil and gas property, is expected to continue to decline. The decrease for FY 1992 and FY 1993, as compared to previous forecasts, is greater due in part to investment delays and increased mill levies by the North Slope Borough, the Kenai Peninsula Borough and the City of Valdez. The municipalities in which taxable oil and gas property exists continue to receive the bulk of the property tax assessment.

Alcoholic Beverage Taxes

The trends in alcohol consumption have been fairly steady over the last five years in all categories. The only notable exception has been a drop in wine consumption compared to the earlier period: FY 1984 through FY 1987. Current consumption trends for liquor, wine and beer, given population growth, demographics and income levels, are expected to continue generating revenues of between \$12 and \$13 million per year.

Intergovernmental Receipts

Federal Shared Revenues, which consist of several categories, totaled \$12.8 million in FY 1991 but dropped to \$6.7 million in FY 1992 as anticipated. This is due primarily to the fact that the U.S. Forest Service (USFS) monies for timber sales were formerly allocated to only organized boroughs. The USFS has since notified the State that additional monies will be set aside for unorganized boroughs as well (Chapter 37, SLA 1991). The monies are intended to support roads and schools affected by national forest activities. The amount of Federal Shared Revenues which will go into the General Fund in FY 1993 should be about \$7 million.

Section 8(g) funds are the result of a negotiated settlement between the State and federal government several years ago with a specific payment schedule. The revenue figure increased from \$2 million in FY 1991 and will be \$4.7 million annually for the period FY 1992 through FY 1996 when the numbers will again be adjusted upward.

Investment Earnings

The projections are based on projected out-going expenditures and incoming revenues with an assessment of yield on instruments and the length of maturity for the funds invested by the Treasury Division. FY 1992 investment earnings were \$101.8 million.

Facilities and Related Charges

The main revenue item in this category is ferry system receipts which amounted to \$42.4 million in FY 1992. The legislature established the Alaska Marine Highway System Fund (Chapter 193, SLA 1990) which provides that the gross revenue of the state ferry system be deposited into the fund and then may be appropriated for operating and capital expenditures.

Methodology

The Department of Revenue uses a wide variety of models and techniques to forecast petroleum severance taxes and royalties and the other non-petroleum sources. The main petroleum forecasting model is a marketing and production simulation model which projects severance tax and royalties on a company-by-company, field-by-field basis through the year 2050. This model, initially developed in 1978, can be run on either a scenario or iterative basis.

Scenarios Over the Short-Term

Low Scenario

SUMMARY: *The Low Scenario assumes a very slow worldwide economic recovery. As a result, oil consumption growth is assumed to grow slowly even with low oil prices. Steady increasing production from Saudi Arabia, Iran and Kuwait keeps downward pressure on oil prices in a stagnant market.*

Table 12

	General Fund			
	Unrestricted	ANS Gulf	ANS Lower 48	ANS Production
	Revenues	Price (\$/bbl)	Price (\$/bbl)	(MM bbls/day)
FY 1993	2,268.1	18.34	17.75	1.703
FY 1994	2,058.5	17.75	16.93	1.704
FY 1995	2,083.8	18.33	17.47	1.674

Low Scenario assumptions:

1. Global economic growth averages 1.0 percent in 1993 with slow recovery in the United States, Japan and West Germany and the painful transition of the previously centrally planned economies into the global market continues to occur. The growth rate picks up to 1.5 percent in 1994 as the world economy begins to rebound.
2. Oil consumption grows slowly as the economic recession dampens the positive effect of low oil prices.
3. Non-OPEC production in both 1993 and 1994 holds steady as increases in such areas as the North Sea and newer frontier areas offset the continued decline from the Commonwealth of Independent States.
4. OPEC's market share under this scenario is 24.7 million bbl/day in 1993 and 25.1 million bbl/day in 1994.
5. Key OPEC producers Saudi Arabia, Iran and Kuwait continue to increase their capacity. Increased production from these three producers, as well as the possibility of the resumption of exports from Iraq, keep the market well supplied with continued downward pressure on oil prices.

Table 13

Low Scenario**Global Oil Market Assumptions**

	<u>TOTAL GLOBAL OIL CONSUMPTION</u>	<u>OPEC CRUDE OIL PRODUCTION</u>	<u>OPEC NGL/COND. PRODUCTION</u>	<u>TOTAL NON-OPEC PRODUCTION</u>	<u>GLOBAL STOCK CHANGE</u>
1992					
Q1	67.7	24.1	2.0	41.0	-0.6
Q2	64.9	23.7	2.0	39.8	0.6
Q3	65.6	24.6	2.0	39.5	0.5
Q4	67.7	25.2	2.0	40.0	-0.5
YEAR	66.5	24.4	2.0	40.1	0.0
1993					
Q1	68.0	24.3	2.0	40.4	-1.3
Q2	65.0	24.4	2.0	39.7	1.1
Q3	65.6	24.6	2.0	39.7	0.8
Q4	68.1	25.6	2.0	40.5	0.0
YEAR	66.7	24.7	2.0	40.1	0.1
1994					
Q1	68.3	24.8	2.0	40.3	-1.3
Q2	65.4	24.8	2.0	39.6	1.1
Q3	65.9	25.1	2.0	39.6	0.8
Q4	68.4	26.0	2.0	40.4	0.0
YEAR	67.0	25.2	2.0	40.0	0.1

Mid Scenario

SUMMARY: *The Mid Scenario assumes that the global economy begins to pick up in 1993 and 1994 with the result that oil consumption grows in response to both relatively low oil prices and increased demand for oil. Oil prices begin to slowly drift upward as OPEC capacity expansion is required to meet growing demand, particularly with Iraq out of the market.*

Table 14

	General Fund Unrestricted Revenues	ANS Gulf Price (\$/bbl)	ANS Lower 48 Price (\$/bbl)	ANS Production (MM bbls/day)
FY 1993	2,386.2	18.59	18.01	1.703
FY 1994	2,303.8	19.27	18.38	1.704
FY 1995	2,390.5	20.19	19.24	1.674

Mid Scenario assumptions:

1. Global economic growth averages 2.5 percent in 1993 and 3.0 percent in 1994.
2. Oil consumption grows by 0.5 million bbl/day in 1993 and 0.8 million bbl/day in 1994.
3. Non-OPEC production continues to decline, as a result of a further decline from the Commonwealth of Independent States.
4. OPEC market share under this scenario amounts to 25.5 million bbl/day in 1993 and 26.6 million bbl/day in 1994.
5. This growing market share for OPEC will be accommodated by increased production from most member countries, in particular from Saudi Arabia, Iran and Kuwait. Iraq will remain embargoed. Pressure on capacity in OPEC will keep mild upward pressure on oil prices.

Table 15

Mid Scenario

Global Oil Market Assumptions

	<u>TOTAL GLOBAL OIL CONSUMPTION</u>	<u>OPEC CRUDE OIL PRODUCTION</u>	<u>OPEC NGL/COND. PRODUCTION</u>	<u>TOTAL NON-OPEC PRODUCTION</u>	<u>GLOBAL STOCK CHANGE</u>
1992					
Q1	67.7	24.1	2.0	41.0	-0.6
Q2	64.9	23.7	2.0	39.8	0.6
Q3	65.6	24.6	2.0	39.6	0.5
Q4	67.7	25.2	2.0	40.0	-0.5
YEAR	66.5	24.4	2.0	40.1	0.0
1993					
Q1	68.5	25.2	2.0	40.0	-1.3
Q2	65.5	25.2	2.0	39.3	1.1
Q3	66.0	25.5	2.0	39.3	0.8
Q4	68.6	26.5	2.0	40.1	0.0
YEAR	67.1	25.6	2.0	39.7	0.1
1994					
Q1	69.5	26.5	2.0	39.7	-1.3
Q2	66.5	26.5	2.0	39.0	1.1
Q3	67.0	26.8	2.0	39.1	0.8
Q4	69.6	27.8	2.0	39.8	0.0
YEAR	68.1	26.9	2.0	39.4	0.1

High Scenario

SUMMARY: *Global economic growth picks up rapidly in 1993 and 1994. This economic recovery spurs oil consumption increases which creates oil supply pressures leading to higher oil prices.*

Table 16

	General Fund Unrestricted Revenues	ANS Gulf Price (\$/bbl)	ANS Lower 48 Price (\$/bbl)	ANS Production (MM bbls/day)
FY 1993	2,487.7	18.86	18.30	1.703
FY 1994	2,547.3	20.67	19.71	1.704
FY 1995	2,624.2	21.54	20.52	1.674

High Scenario assumptions:

1. World-wide economic growth averages 3.5 percent in both 1993 and 1994.
2. Oil consumption increases by 1.6 million bbl/day in 1993 and 1.2 million bbl/day in 1994 in response to vigorous economic growth.
3. Non-OPEC production continues to slide primarily due to further major declines in output from the Commonwealth of Independent States.
4. OPEC market share amounts to 27.1 million bbl/day in 1993 and 28.6 million bbl/day in 1994.
5. The 1993 and 1994 OPEC production levels assumed in this scenario are very close to current estimates of capacity. This causes significant upward pressure on oil prices.

Table 17

High Scenario**Global Oil Market Assumptions**

	<u>TOTAL GLOBAL OIL CONSUMPTION</u>	<u>OPEC CRUDE OIL PRODUCTION</u>	<u>OPEC NGL/COND. PRODUCTION</u>	<u>TOTAL NON-OPEC PRODUCTION</u>	<u>GLOBAL STOCK CHANGE</u>
1992					
Q1	67.7	24.1	2.0	41.0	-0.6
Q2	64.9	23.7	2.0	39.8	0.6
Q3	65.6	24.6	2.0	39.5	0.5
Q4	67.7	25.2	2.0	40.0	-0.5
YEAR	66.5	24.4	2.0	40.1	0.0
1993					
Q1	69.3	26.8	2.0	39.3	-1.3
Q2	66.3	26.8	2.0	38.6	1.1
Q3	66.9	27.0	2.0	38.6	0.8
Q4	69.5	28.1	2.0	39.4	0.0
YEAR	68.0	27.2	2.0	39.0	0.1
1994					
Q1	70.6	28.2	2.0	39.1	-1.3
Q2	67.5	28.2	2.0	38.4	1.1
Q3	68.1	28.4	2.0	38.4	0.8
Q4	70.7	29.5	2.0	39.2	0.0
YEAR	69.2	28.6	2.0	38.8	0.1

Table 18

**Projected and Historical Crude Oil Spot Prices
For Alaska North Slope Crude and Domestic Marker¹
(\$/barrel)**

Low Scenario

	<u>Production</u> <u>Mon/YR</u>	<u>ANS at</u> <u>Wellhead</u>	<u>ANS at</u> <u>West Coast</u>	<u>ANS at</u> <u>Gulf Coast</u>	<u>WTI</u>
Historical	JUN 91	11.23	16.36	17.58	19.32
	JUL	11.72	17.26	18.30	21.41
	AUG	11.89	17.18	18.49	21.70
	SEP	12.14	17.31	19.05	21.87
	OCT	12.79	18.47	20.05	23.24
	NOV	11.86	17.57	19.16	22.51
	DEC	9.72	14.83	16.44	19.49
	JAN 92	9.51	14.92	15.74	18.80
	FEB	9.81	15.30	16.17	18.98
	MAR	10.17	15.50	16.29	18.91
	APR	11.21	16.96	17.77	20.23
	MAY	12.47	18.03	18.62	20.97
	JUN	14.04	20.20	20.56	22.37
	JUL	14.23	19.40	19.65	21.74
	AUG	13.26	17.97	18.82	21.33
	SEP	13.33	18.46	19.31	21.88
	OCT	13.33	18.71	19.43	21.67
Projected	NOV	12.41	17.46	18.26	20.34
	DEC	11.09	16.23	17.19	19.38
	JAN 93	11.79	15.54	16.59	19.01
	FEB	11.96	16.50	17.43	19.41
	MAR	12.18	16.68	17.62	19.62
	APR	12.18	16.68	17.62	19.62
	MAY	12.17	16.68	17.62	19.62
	QTR1 FY94	12.57	17.03	17.99	20.01
	QTR2 FY94	12.49	16.93	17.88	19.89
	QTR3 FY94	12.01	16.52	17.45	19.42
	QTR4 FY94	12.24	16.76	17.70	19.69
	QTR1 FY95	12.56	17.07	18.03	20.04
	QTR2 FY95	12.77	17.28	18.25	20.29
	QTR3 FY95	12.97	17.39	18.37	20.42
	QTR4 FY95	13.25	17.68	18.67	20.76

¹ Historical ANS spot prices are taken from Platt's Oilgram Price Report.

Table 19

**Projected and Historical Crude Oil Spot Prices
For Alaska North Slope Crude and Domestic Marker¹
(\$/barrel)**

Mid Scenario

Production		ANS at <u>Wellhead</u>	ANS at <u>West Coast</u>	ANS at <u>Gulf Coast</u>	<u>WTI</u>
Historical	JUN 91	11.23	16.36	17.58	19.32
	JUL	11.72	17.26	18.30	21.41
	AUG	11.89	17.18	18.49	21.70
	SEP	12.14	17.31	19.05	21.87
	OCT	12.79	18.47	20.05	23.24
	NOV	11.86	17.57	19.16	22.51
	DEC	9.72	14.83	16.44	19.49
	JAN 92	9.51	14.92	15.74	18.80
	FEB	9.81	15.30	16.17	18.98
	MAR	10.17	15.50	16.29	18.91
	APR	11.21	16.96	17.77	20.23
	MAY	12.47	18.03	18.62	20.97
	JUN	14.04	20.20	20.56	22.37
	JUL	14.23	19.40	19.65	21.74
	AUG	13.26	17.97	18.82	21.33
	SEP	13.33	18.46	19.31	21.88
	OCT	13.33	18.71	19.43	21.67
Projected	NOV	12.41	17.46	18.26	20.34
	DEC	11.09	16.23	17.19	19.38
	JAN 93	12.11	15.54	16.59	19.01
	FEB	12.28	16.83	17.78	19.80
	MAR	12.96	17.51	18.50	20.60
	APR	12.96	17.51	18.50	20.60
	MAY	12.96	17.51	18.50	20.60
	QTR1 FY94	13.59	18.18	19.14	21.29
	QTR2 FY94	13.93	18.46	19.50	21.69
	QTR3 FY94	13.50	18.13	19.15	21.30

¹ Historical ANS spot prices are taken from Platt's Oilgram Price Report.

Table 20

**Projected and Historical Crude Oil Spot Prices
For Alaska North Slope Crude and Domestic Marker¹
(\$/barrel)**

High Scenario

	Production Mon/YR	ANS at Wellhead	ANS at West Coast	ANS at Gulf Coast	WTI
Historical	JUN 91	11.23	16.36	17.58	19.32
	JUL	11.72	17.26	18.30	21.41
	AUG	11.89	17.18	18.49	21.70
	SEP	12.14	17.31	19.05	21.87
	OCT	12.79	18.47	20.05	23.24
	NOV	11.86	17.57	19.16	22.51
	DEC	9.72	14.83	16.44	19.49
	JAN 92	9.51	14.92	15.74	18.80
	FEB	9.81	15.30	16.17	18.98
	MAR	10.17	15.50	16.29	18.91
	APR	11.21	16.96	17.77	20.23
	MAY	12.47	18.03	18.62	20.97
	JUN	14.04	20.20	20.56	22.37
	JUL	14.23	19.40	19.65	21.74
	AUG	13.26	17.97	18.82	21.33
	SEP	13.33	18.46	19.31	21.88
	OCT	13.33	18.71	19.43	21.67
Projected	NOV	12.41	17.46	18.26	20.34
	DEC	11.09	16.23	17.19	19.38
	JAN 93	12.45	15.54	16.59	19.01
	FEB	12.62	17.17	18.14	20.20
	MAR	13.87	18.41	19.45	21.66
	APR	13.86	18.41	19.45	21.66
	MAY	13.86	18.41	19.45	21.66
	QTR1 FY94	14.86	19.38	20.47	22.77
	QTR2 FY94	15.35	19.87	20.99	23.35
	QTR3 FY94	14.86	19.52	20.61	22.93
	QTR4 FY94	14.85	19.51	20.60	22.92
	QTR1 FY95	15.32	19.98	21.11	23.46
	QTR2 FY95	15.56	20.23	21.37	23.75
	QTR3 FY95	15.87	20.46	21.61	24.02
	QTR4 FY95	16.29	20.89	22.07	24.53

¹Historical ANS spot prices are taken from Platt's Oilgram Price Report.

REVENUE FORECAST: LONG-TERM OUTLOOK (FY 1996-2010)

This section focuses on the long term from FY 1996 through FY 2010. It provides revenue projections for this period and also sets out the assumptions behind those projections for the Low, Mid, and High Scenarios.

The assumptions for inflation rate, Alaska oil production, the TAPS tariff and average ANS Lower 48 price follow. The graphs on page 34 show the revenue projections for the three scenarios from FY 1981 through FY 2010 in both nominal and real dollar terms.

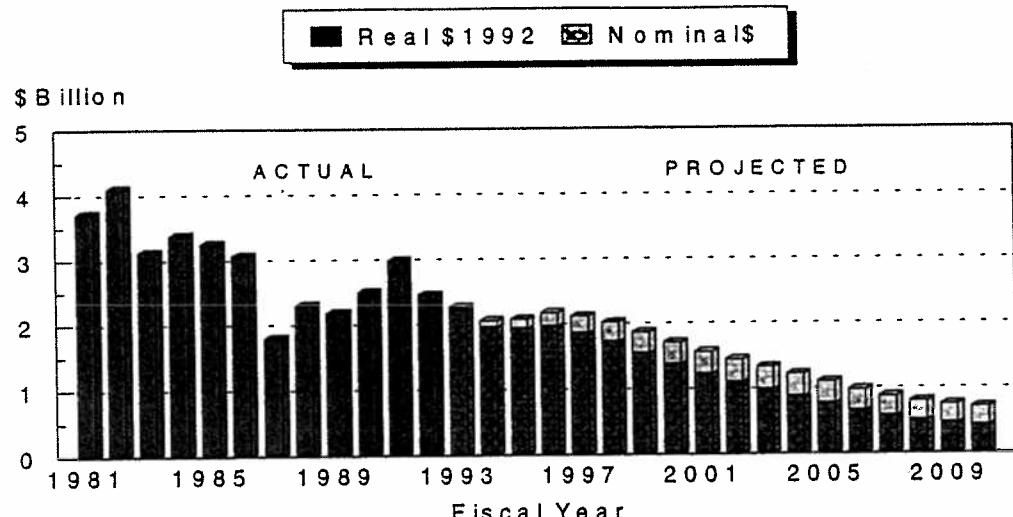
The following tables are then provided:

1. Detailed revenue projections for each category of revenues.
2. Petroleum production revenues by type and area of the state.
3. The expected and historical prices from FY 1992 - 2010 for ANS Wellhead and WTI.
4. Simulated production by field.

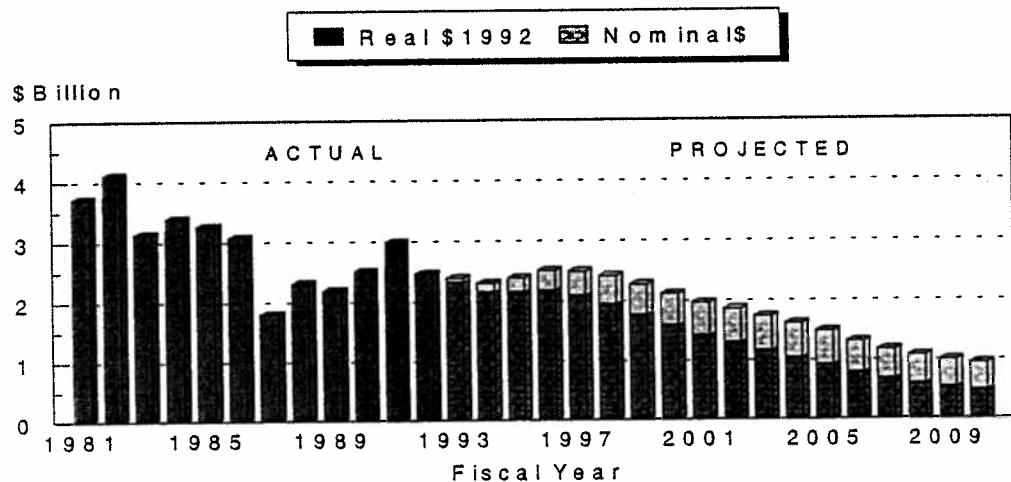
Figure 12

General Fund Unrestricted Revenue Projections FY 1981 - 2010

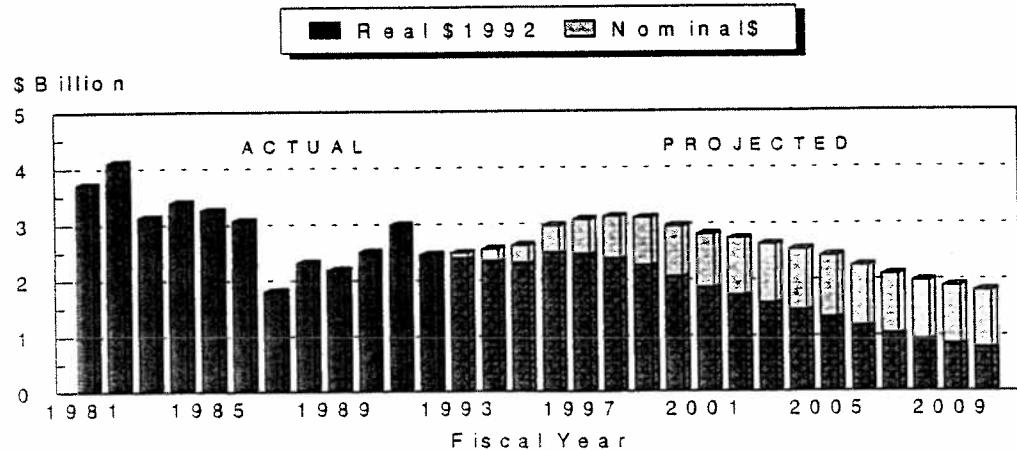
Low Scenario



Mid Scenario



High Scenario



Spring 1993 Forecast Assumptions

The following tables are part of the output from the Department of Revenue's simulation model, the Long-Run Fiscal Model (LRFM). All pertinent assumptions and footnotes are presented below:

- 1) Investment earnings are a function of expenditures and the resulting general investment fund balance.

(Note: Permanent Fund earnings are excluded from the long-range revenue forecast.)

Expenditures were assumed to increase at the scenario-specific inflation rate from the FY 92 base year.

The real rate of return for investment earnings was assumed at 3.00% for all cases.

- 2) Non-petroleum/non-interest revenues beyond FY 93 were assumed to increase at the scenario-specific inflation rate.

Table 21

FY	INFLATION RATE (%)			ALASKA PRODUCTION (Millions of Barrels/day)			TAPS TARIFF (\$/bbl)			AVERAGE LOWER 48 (\$/bbl)		
	Low		High	Low		High	Low		High	Low		High
	Low	Mid	High	Low	Mid	High	Low	Mid	High	Low	Mid	High
1992	3.09	3.09	3.09	1.833	1.833	1.833	3.602	3.602	3.602	16.88	16.88	16.88
1993	2.56	3.39	4.33	1.744	1.744	1.744	3.196	3.196	3.196	17.75	18.01	18.30
1994	2.62	3.67	4.56	1.746	1.746	1.746	2.975	2.988	3.000	16.93	18.38	19.71
1995	2.62	3.67	4.56	1.713	1.713	1.713	2.967	3.006	3.015	17.47	19.24	20.52
1996	2.85	3.81	4.84	1.644	1.647	1.757	2.766	2.852	2.883	18.74	20.99	22.68
1997	2.85	3.81	4.84	1.513	1.517	1.675	2.733	2.825	2.750	19.85	22.68	24.74
1998	2.85	3.81	4.84	1.387	1.392	1.595	2.577	2.688	2.658	20.42	23.78	26.20
1999	2.85	3.81	4.84	1.278	1.285	1.528	2.757	2.902	2.854	21.00	24.93	27.74
2000	2.85	3.81	4.84	1.152	1.158	1.382	2.998	3.184	3.078	21.60	26.14	29.38
2001	3.04	3.94	5.01	1.048	1.053	1.269	3.220	3.436	3.344	22.25	27.31	31.32
2002	3.04	3.94	5.01	0.971	0.985	1.179	3.461	3.706	3.624	22.93	28.53	33.38
2003	3.04	3.94	5.01	0.881	0.899	1.080	3.704	3.985	3.906	23.63	29.80	35.58
2004	3.04	3.94	5.01	0.804	0.824	1.005	4.021	4.343	4.251	24.34	31.13	37.92
2005	3.04	3.94	5.01	0.721	0.745	0.919	4.428	4.805	4.686	25.08	32.51	40.42
2006	3.04	3.94	5.01	0.631	0.653	0.819	4.942	5.388	5.220	25.84	33.96	43.08
2007	3.04	3.94	5.01	0.552	0.574	0.732	5.437	5.694	5.757	26.63	35.48	45.92
2008	3.04	3.94	5.01	0.495	0.514	0.660	5.967	6.608	6.372	27.44	37.06	48.95
2009	3.04	3.94	5.01	0.442	0.457	0.592	6.487	7.251	6.994	28.27	38.71	52.17
2010	3.04	3.94	5.01	0.397	0.410	0.533	7.085	7.981	7.716	29.13	40.44	55.57

Table 22

Low Scenario Detailed Revenue Projections
 (Millions of Dollars)

(1) FY	(2) SEVERANCE TAX	(3) PROPERTY TAX	(4) OIL&GAS INC TAX	(5) GROSS ROYALTIES	(6) MINERAL RENTS	(7) BONUS SALES	(8) SPECIAL PETRO SETTLEMENTS	(9) TOTAL PETROLEUM REVENUES	(10) NON-PETR NON-INTR REVENUES	(11) GEN FUND INTEREST W/ PERM FND REVENUES	(12) TOTAL REVS DEDICATION
81	1170.20	143.00	860.10	1501.60	7.90	14.10	0.00	3696.90	186.10	227.80	4110.80
82	1581.70	142.70	668.90	1553.20	26.40	10.30	0.00	3983.20	209.00	324.70	4516.90
83	1493.70	152.60	236.00	1447.40	54.20	73.10	0.00	3457.00	228.60	375.80	4061.40
84	1393.10	131.00	265.10	1409.00	21.90	16.70	0.00	3236.80	245.80	282.70	3765.30
85	1389.40	128.40	168.60	1390.30	23.70	23.60	0.00	3124.00	283.00	233.50	3640.50
86	1107.90	113.50	133.90	1098.20	44.50	70.10	460.70	3028.80	222.40	195.20	3446.40
87	648.50	102.50	120.40	591.60	29.10	1.00	85.20	1578.30	243.00	161.90	1983.20
88	818.70	96.20	158.00	953.50	24.20	11.30	329.00	2390.90	223.60	132.60	2747.10
89	698.80	89.70	166.00	818.70	18.00	23.00	259.70	2073.90	245.10	100.70	2419.70
90	1001.60	89.80	117.20	1004.43	21.00	0.00	156.80	2390.83	271.33	117.90	2780.06
91	1284.80	85.00	185.10	1292.83	21.30	38.30	398.59	3305.92	291.04	125.00	3721.96
92	1053.20	69.00	165.50	935.78	17.10	5.25	447.61	2693.44	353.40	101.80	3148.64
93	1003.10	62.80	150.00	991.20	19.30	76.30	9.40	2312.10	258.31	61.00	2631.41
94	930.75	59.60	106.00	948.13	21.85	0.00	9.40	2075.73	200.62	39.00	2315.35
95	944.98	56.60	106.00	971.68	20.76	0.00	9.40	2109.42	209.58	34.50	2353.50
96	994.01	52.70	104.00	1029.45	19.72	0.00	9.40	2209.28	215.87	41.33	2466.48
97	967.72	49.00	94.00	984.45	18.74	0.00	13.40	2127.31	222.34	43.17	2392.82
98	904.30	45.10	91.00	946.47	17.80	0.00	13.40	2018.07	229.01	41.80	2288.89
99	792.21	41.60	86.00	898.41	16.91	0.00	13.40	1848.53	235.88	39.94	2124.35
00	688.60	38.20	81.00	828.97	16.06	0.00	13.40	1666.23	242.96	36.93	1946.12
01	595.24	34.80	75.00	768.01	15.26	0.00	13.40	1501.71	250.25	33.77	1785.73
02	523.74	31.70	70.00	724.77	14.50	0.00	0.00	1364.71	257.76	30.93	1653.40
03	441.86	28.60	64.00	671.87	13.77	0.00	0.00	1220.10	265.49	28.83	1514.42
04	369.86	26.00	58.00	622.28	13.08	0.00	0.00	1089.22	273.45	26.35	1389.03
05	301.93	23.40	52.00	561.66	12.43	0.00	0.00	951.42	281.66	24.14	1257.22
06	225.88	21.30	46.00	495.79	11.81	0.00	0.00	800.78	290.11	21.85	1112.74
07	161.85	19.20	44.00	440.29	11.22	0.00	0.00	676.56	298.81	19.34	994.71
08	116.54	17.30	41.00	402.59	10.66	0.00	0.00	588.09	307.78	17.31	913.17
09	87.97	15.70	37.00	366.39	10.12	0.00	0.00	517.18	317.01	15.90	850.10
10	70.73	14.20	35.00	334.46	9.62	0.00	0.00	464.01	326.52	14.85	805.38

(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
FY	DEDICATION	FUND	FUND	FUNDS	PERM	CONSTITUTIONAL	NET GEN FUND	REAL 1992\$
		W/PERM FND	PUB SCHI	NPR-A	FUND	BUDGET RESERVE	UNRESTRD REVENUES	NOM \$
81	4110.80	7.50	0.00	74.30	385.10	0.00	3718.20	
82	4516.90	8.00	0.00	0.00	400.50	0.00	4108.40	
83	4061.40	9.40	0.00	0.00	421.00	0.00	3631.00	
84	3765.30	9.00	0.00	0.00	366.20	0.00	3390.10	
85	3640.50	7.10	5.40	0.00	368.00	0.00	3260.00	
86	3446.40	6.50	41.00	0.00	323.40	0.00	3075.50	
87	1983.20	3.30	9.90	0.00	170.60	0.00	1799.40	
88	2747.10	6.60	1.00	15.80	417.90	0.00	2305.80	
89	2419.70	4.30	0.80	0.00	228.40	0.00	2186.20	
90	2780.06	5.13	0.60	0.00	267.10	0.00	2507.23	
91	3721.96	8.83	0.37	0.00	435.00	291.20	2986.56	
92	3148.64	15.04	0.13	0.00	337.80	333.07	2462.60	
93	2631.41	5.43	0.40	0.00	300.27	57.20	2268.11	
94	2315.35	4.85	0.40	0.00	251.61	0.00	2058.49	
95	2353.50	4.96	0.30	7.00	257.44	0.00	2083.80	1929.47
96	2466.48	5.25	0.10	7.00	272.16	0.00	2181.97	1964.39
97	2392.82	5.02	0.00	7.00	260.23	0.00	2120.57	1856.21
98	2288.89	4.82	0.00	10.00	250.13	0.00	2023.94	1722.53
99	2124.35	4.58	0.00	10.00	237.43	0.00	1872.34	1549.35
00	1946.12	4.23	0.00	10.00	219.20	0.00	1712.69	1377.97
01	1785.73	3.92	0.00	10.00	203.18	0.00	1568.63	1224.85
02	1653.40	3.70	0.00	10.00	191.77	0.00	1447.93	1097.27
03	1514.42	3.43	0.00	0.00	177.86	0.00	1333.13	980.49
04	1389.03	3.18	0.00	0.00	164.81	0.00	1221.04	871.57
05	1257.22	2.87	0.00	0.00	148.92	0.00	1105.43	765.78
06	1112.74	2.54	0.00	0.00	131.67	0.00	978.53	657.89
07	994.71	2.26	0.00	0.00	117.12	0.00	875.33	571.15
08	913.17	2.07	0.00	0.00	107.20	0.00	803.90	509.08
09	850.10	1.88	0.00	0.00	97.67	0.00	750.55	461.28
10	805.38	1.72	0.00	0.00	89.25	0.00	714.41	426.12

Table 23

Mid Scenario Detailed Revenue Projections
 (Millions on Dollars)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
FY	SEVERANCE TAX	PROPERTY TAX	OIL&GAS INC TAX	GROSS ROYALTIES	MINERAL RENTS	BONUS SALES	SPECIAL PETRO SETTLEMENTS	TOTAL PETROLEUM REVENUES	NON-PETR NON-INTR REVENUES	GEN FUND INTEREST	TOTAL REVS W/ PERMFND DEDICATION
81	1170.20	143.00	860.10	1501.60	7.90	14.10	0.00	3696.90	186.10	227.80	4110.80
82	1581.70	142.70	668.90	1553.20	26.40	10.30	0.00	3983.20	209.00	324.70	4516.90
83	1493.70	152.60	236.00	1447.40	54.20	73.10	0.00	3457.00	228.60	375.80	4061.40
84	1393.10	131.00	265.10	1409.00	21.90	16.70	0.00	3236.80	245.80	282.70	3765.30
85	1389.40	128.40	168.60	1390.30	23.70	23.60	0.00	3124.00	283.00	233.50	3640.50
86	1107.90	113.50	133.90	1098.20	44.50	70.10	460.70	3028.80	222.40	195.20	3446.40
87	648.50	102.50	120.40	591.60	29.10	1.00	85.20	1578.30	243.00	161.90	1983.20
88	818.70	96.20	158.00	953.50	24.20	11.30	329.00	2390.90	223.60	132.60	2747.10
89	698.80	89.70	166.00	818.70	18.00	23.00	259.70	2073.90	245.10	100.70	2419.70
90	1001.60	89.80	117.20	1004.43	21.00	0.00	156.80	2390.83	271.33	117.90	2780.06
91	1284.80	85.00	185.10	1292.83	21.30	38.30	398.59	3305.92	291.04	125.00	3721.96
92	1053.20	69.00	165.50	935.78	17.10	5.25	447.61	2693.44	353.40	101.80	3148.64
93	1021.40	62.80	220.00	1012.92	19.30	76.30	9.40	2422.12	271.37	63.00	2756.49
94	1029.57	59.60	139.00	1067.11	21.85	0.00	9.40	2326.53	213.20	53.70	2593.43
95	1060.74	56.60	139.00	1111.93	20.76	0.00	9.40	2398.43	221.24	79.00	2698.67
96	1133.58	52.70	131.00	1193.20	19.72	0.00	9.40	2539.60	227.88	69.97	2837.45
97	1129.93	49.00	128.00	1165.83	18.73	0.00	13.40	2504.89	234.71	73.79	2813.40
98	1078.30	45.10	120.00	1143.62	17.80	0.00	13.40	2418.22	241.75	73.04	2733.01
99	966.44	41.60	114.00	1112.22	16.91	0.00	13.40	2264.57	249.01	70.82	2584.39
00	858.16	38.20	111.00	1050.01	16.06	0.00	13.40	2086.83	256.48	66.66	2409.97
01	753.13	34.80	108.00	989.45	15.26	0.00	13.40	1914.04	264.17	62.02	2240.23
02	688.79	31.70	103.00	959.09	14.50	0.00	0.00	1797.08	272.10	57.52	2126.70
03	597.84	28.60	94.00	909.06	13.77	0.00	0.00	1643.27	280.26	54.88	1978.41
04	514.16	26.00	91.00	862.20	13.08	0.00	0.00	1506.44	288.67	50.89	1846.00
05	429.89	23.40	89.00	797.41	12.43	0.00	0.00	1352.13	297.33	47.39	1696.84
06	320.87	21.30	84.00	718.60	11.81	0.00	0.00	1156.94	306.25	43.50	1506.33
07	228.27	19.20	79.00	653.25	11.22	0.00	0.00	990.94	315.44	38.50	1344.87
08	164.40	17.30	74.00	606.07	10.66	0.00	0.00	872.43	324.90	34.29	1231.62
09	124.18	15.70	69.00	558.49	10.12	0.00	0.00	777.79	334.65	31.37	1143.51
10	101.24	14.20	65.00	518.09	9.62	0.00	0.00	708.15	344.68	29.18	1082.01

(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
TOTAL REVS W/PERM FND	PUR SCHI	NPR-A	OTHER	PERM FUND	CONSTITUTIONAL BUDGET RESERVE	FUND	NET GEN FUND UNRESTRD REVENUES	REAL 1992\$
FY 81	DEDICATION	FUND	FUNDS	DEDICATN		NOM \$		
4110.80	7.50	0.00	74.30	385.10	0.00	3718.20		
4516.90	8.00	0.00	0.00	400.50	0.00	4108.40		
4061.40	9.40	0.00	0.00	421.00	0.00	3631.00		
3765.30	9.00	0.00	0.00	366.20	0.00	3390.10		
3640.50	7.10	5.40	0.00	368.00	0.00	3260.00		
3446.40	6.50	41.00	0.00	323.40	0.00	3075.50		
1983.20	3.30	9.90	0.00	170.60	0.00	1799.40		
2747.10	6.60	1.00	15.80	417.90	0.00	2305.80		
2419.70	4.30	0.80	0.00	228.40	0.00	2186.20		
2780.06	5.13	0.60	0.00	267.10	0.00	2507.23		
3721.96	8.83	0.37	0.00	435.00	291.20	2986.56		
3148.64	15.04	0.13	0.00	337.80	333.07	2462.60		
2756.49	5.54	0.40	0.00	307.15	57.20	2386.20	2308.02	
2593.43	5.44	0.40	0.00	283.78	0.00	2303.81	2149.37	
2698.67	5.66	0.30	7.00	295.18	0.00	2390.53	2151.25	
2837.45	6.06	0.10	7.00	316.09	0.00	2508.20	2174.24	
2813.40	5.92	0.00	7.00	308.70	0.00	2491.78	2080.67	
2733.01	5.81	0.00	10.00	302.67	0.00	2414.53	1942.11	
2584.39	5.65	0.00	10.00	294.25	0.00	2274.49	1762.28	
2409.97	5.33	0.00	10.00	277.82	0.00	2116.82	1579.87	
2240.23	5.02	0.00	10.00	261.83	0.00	1963.38	1409.83	
2126.70	4.87	0.00	10.00	253.72	0.00	1858.11	1283.69	
1978.41	4.61	0.00	0.00	240.49	0.00	1733.31	1152.10	
1846.00	4.38	0.00	0.00	228.10	0.00	1613.52	1031.85	
1696.84	4.05	0.00	0.00	211.04	0.00	1481.75	911.68	
1506.33	3.65	0.00	0.00	190.34	0.00	1312.34	776.85	
1344.87	3.32	0.00	0.00	173.16	0.00	1168.39	665.43	
1231.62	3.08	0.00	0.00	160.72	0.00	1067.82	585.11	
1143.51	2.84	0.00	0.00	148.18	0.00	992.49	523.23	
1082.01	2.64	0.00	0.00	137.52	0.00	941.85	477.72	

High Scenario Detailed Revenue Projections
 (Millions on Dollars)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
EY	SEVERANCE TAX	PROPERTY TAX	OIL&GAS INC/TAX	GROSS ROYALTIES	MINERAL RENTS	BONUS SALES	SPECIAL PETRO SETTLEMENTS	TOTAL PETROLEUM REVENUES	NON-PETR REVENUES	GEN FUND INTEREST	TOTAL REVS W/ PERM FND REVENUES DEDICATION
81	1170.20	143.00	860.10	1501.60	7.90	14.10	0.00	3696.90	186.10	227.80	4110.80
82	1581.70	142.70	668.90	1553.20	26.40	10.30	0.00	3983.20	209.00	324.70	4516.90
83	1493.70	152.60	236.00	1447.40	54.20	73.10	0.00	3457.00	228.60	375.80	4061.40
84	1393.10	131.00	265.10	1409.00	21.90	16.70	0.00	3236.80	245.80	282.70	3765.30
85	1389.40	128.40	168.60	1390.30	23.70	23.60	0.00	3124.00	283.00	233.50	3640.50
86	1107.90	113.50	133.90	1098.20	44.50	70.10	460.70	3028.80	222.40	195.20	3446.40
87	648.50	102.50	120.40	591.60	29.10	1.00	85.20	1578.30	243.00	161.90	1983.20
88	818.70	96.20	158.00	953.50	24.20	11.30	329.00	2390.90	223.60	132.60	2747.10
89	698.80	89.70	166.00	818.70	18.00	23.00	259.70	2073.90	245.10	100.70	2419.70
90	1001.60	89.80	117.20	1004.43	21.00	0.00	156.80	2390.83	271.33	117.90	2780.06
91	1284.80	85.00	185.10	1292.83	21.30	38.30	398.59	3305.92	291.04	125.00	3721.96
92	1053.20	69.00	165.50	935.78	17.10	5.25	447.61	2693.44	353.40	101.80	3148.64
93	1042.30	62.80	260.00	1036.13	19.30	76.30	9.40	2506.23	292.12	65.70	2864.05
94	1125.24	59.60	178.00	1173.15	21.85	0.00	9.40	2567.24	233.84	63.90	2864.98
95	1149.89	56.60	178.00	1212.81	20.76	0.00	9.40	2627.46	241.65	89.90	2959.01
96	1345.89	52.70	173.00	1398.02	19.72	0.00	9.40	2998.73	248.90	102.26	3349.89
97	1418.38	49.00	169.00	1435.12	18.73	0.00	13.40	3103.63	256.37	115.55	3475.55
98	1441.28	45.10	167.00	1467.73	17.80	0.00	13.40	3152.31	264.06	119.51	3535.88
99	1397.57	41.60	161.00	1496.57	16.91	0.00	13.40	3127.05	271.98	121.44	3520.47
00	1285.78	38.20	154.00	1438.12	16.06	0.00	13.40	2945.56	280.14	120.46	3346.16
01	1182.97	34.80	148.00	1389.89	15.26	0.00	13.40	2784.32	288.54	114.11	3186.97
02	1135.38	31.70	141.00	1382.69	14.50	0.00	0.00	2705.27	297.20	108.48	3110.94
03	1048.54	28.60	138.00	1347.86	13.77	0.00	0.00	2576.77	306.11	106.27	2989.16
04	979.20	26.00	132.00	1328.91	13.08	0.00	0.00	2479.19	315.30	101.84	2896.33
05	902.70	23.40	129.00	1276.43	12.43	0.00	0.00	2343.96	324.76	98.49	2767.21
06	769.99	21.30	126.00	1199.74	11.81	0.00	0.00	2128.84	334.50	93.98	2557.32
07	664.23	19.20	121.00	1136.87	11.22	0.00	0.00	1952.52	344.54	86.54	2383.59
08	585.52	17.30	119.00	1089.67	10.66	0.00	0.00	1822.15	354.87	80.51	2257.53
09	530.77	15.70	111.00	1038.87	10.12	0.00	0.00	1706.46	365.52	76.18	2148.16
10	495.35	14.20	101.00	988.73	9.62	0.00	0.00	1608.90	376.48	72.49	2057.87

(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
TOTAL REVS W/ PERM FND				CONSTITUTIONAL BUDGET RESERVE				NET GEN FUND UNRESTRD REVENUES REAL 1993
FY	DEDICATION	FUND	NPR-A	OTHER	FUNDS	PERM FUND	DEDICATN	FUND
81	4110.80	7.50	0.00	74.30	385.10	0.00	3718.20	
82	4516.90	8.00	0.00	0.00	400.50	0.00	4108.40	
83	4061.40	9.40	0.00	0.00	421.00	0.00	3631.00	
84	3765.30	9.00	0.00	0.00	366.20	0.00	3390.10	
85	3640.50	7.10	5.40	0.00	368.00	0.00	3260.00	
86	3446.40	6.50	41.00	0.00	323.40	0.00	3075.50	
87	1983.20	3.30	9.90	0.00	170.60	0.00	1799.40	
88	2747.10	6.60	1.00	15.80	417.90	0.00	2305.80	
89	2419.70	4.30	0.80	0.00	228.40	0.00	2186.20	
90	2780.06	5.13	0.60	0.00	267.10	0.00	2507.23	
91	3721.96	8.83	0.37	0.00	435.00	291.20	2986.56	
92	3148.64	15.04	0.13	0.00	337.80	333.07	2462.60	
93	2864.05	5.66	0.40	0.00	313.09	57.20	2487.70	2384.38
94	2864.98	5.98	0.40	0.00	311.30	0.00	2547.30	2334.94
95	2959.01	6.17	0.30	7.00	321.34	0.00	2624.20	2300.43
96	3349.89	7.09	0.10	7.00	369.32	0.00	2966.38	2480.25
97	3475.55	7.27	0.00	7.00	378.73	0.00	3082.55	2458.30
98	3535.88	7.43	0.00	10.00	386.98	0.00	3131.47	2381.94
99	3520.47	7.57	0.00	10.00	394.26	0.00	3108.64	2255.32
00	3346.16	7.27	0.00	10.00	378.81	0.00	2950.08	2041.40
01	3186.97	7.03	0.00	10.00	366.04	0.00	2803.90	1847.63
02	3110.94	6.99	0.00	10.00	363.97	0.00	2729.98	1713.04
03	2989.16	6.81	0.00	0.00	354.70	0.00	2627.65	1570.12
04	2896.33	6.71	0.00	0.00	349.59	0.00	2540.03	1445.31
05	2767.21	6.44	0.00	0.00	335.75	0.00	2425.02	1314.00
06	2557.32	6.06	0.00	0.00	315.61	0.00	2235.65	1153.56
07	2383.59	5.74	0.00	0.00	299.08	0.00	2078.77	1021.41
08	2257.53	5.50	0.00	0.00	286.63	0.00	1965.40	919.60
09	2148.16	5.24	0.00	0.00	273.26	0.00	1869.66	833.05
10	2057.87	4.99	0.00	0.00	260.07	0.00	1792.81	760.67

Table 25

Low Scenario Petroleum Production Revenue Forecast
 (Millions of \$)

Alaska North Slope

Fiscal Year	Oil Royalty	Oil Severance	Oil Tax	Cons. Hazardous Rel. Fund	Gas Royalty	Gas Severance	ANS Total	Oil Royalty	Oil Severance	Gas Royalty	Gas Severance	Cook Inlet Total	Cook Inlet Total	State Total
1992	836.4	852.3	2.2	27.6	21.9	16.1	1756.4	22.3	0.0	0.1	0.7	26.8	16.0	1822.3
1993	909.1	918.0	2.1	25.9	30.7	18.5	1904.3	25.9	0.0	0.1	0.7	25.6	14.2	1970.7
1994	869.0	871.2	2.1	26.0	32.2	18.8	1819.2	24.8	0.0	0.1	0.7	22.1	11.9	1878.9
1995	889.7	885.0	2.0	25.5	34.2	19.5	1855.9	25.0	0.0	0.1	0.7	22.8	12.2	1916.7
1996	946.2	934.6	2.0	24.5	35.5	19.9	1962.7	25.0	0.0	0.1	0.7	22.8	12.2	2023.5
1997	899.9	910.5	1.8	22.5	33.7	19.2	1887.5	26.3	0.0	0.1	0.7	24.6	13.0	1952.2
1998	859.1	848.8	1.6	20.5	34.2	19.0	1783.2	27.1	0.0	0.1	0.7	26.1	13.7	1850.8
1999	811.5	739.6	1.5	18.8	33.6	17.7	622.8	26.4	0.0	0.1	0.7	26.8	13.9	1690.6
2000	743.1	639.5	1.4	17.0	31.9	15.9	148.7	26.4	0.0	0.1	0.6	27.6	14.2	68.9
2001	683.4	549.1	1.2	15.3	30.7	14.4	294.2	25.5	0.0	0.0	0.6	28.4	14.5	1363.3
2002	640.6	480.1	1.1	14.2	29.5	13.0	178.5	25.5	0.0	0.0	0.6	29.2	14.7	1248.5
2003	588.6	401.0	1.0	12.8	27.8	11.5	1042.7	25.4	0.0	0.0	0.6	30.1	14.9	1113.7
2004	539.9	331.2	0.9	11.7	26.9	10.4	921.0	24.4	0.0	0.0	0.5	31.1	15.1	992.1
2005	479.6	265.8	0.8	10.4	25.8	9.0	791.4	24.3	0.0	0.0	0.5	32.0	15.4	722.2
2006	414.8	192.9	0.7	9.0	24.0	7.0	648.5	24.1	0.0	0.0	0.5	33.0	15.6	732.2
2007	360.0	131.5	0.6	7.8	23.4	5.5	528.9	22.9	0.0	0.0	0.5	34.0	15.9	733.3
2008	322.6	88.2	0.6	7.0	22.4	4.1	444.8	22.6	0.0	0.0	0.4	35.0	16.2	74.3
2009	286.2	60.8	0.5	6.2	21.9	3.5	379.0	22.3	0.0	0.0	0.4	36.1	16.6	75.4
2010	255.2	44.3	0.4	5.5	21.2	3.2	329.8	20.9	0.0	0.0	0.4	37.1	16.9	405.2

Table 26

Mid Scenario Petroleum Production Revenue Forecast
 (Millions of \$)

Alaska North Slope

Fiscal Year	Oil Royalty	Oil Severance	Oil Cons.	Hazardous Rel. Fund	Gas Royalty	Gas Severance	ANS Total	Oil Royalty	Oil Severance	Oil Cons.	Hazardous Rel. Fund	Gas Royalty	Gas Severance	Cook Inlet Total	State Total
1992	836.4	852.3	2.2	27.6	21.9	16.1	1756.4	22.3	0.0	0.1	0.7	26.8	16.0	65.9	1822.3
1993	930.3	936.1	2.1	25.9	33.0	20.2	1947.6	26.5	0.0	0.1	0.7	23.0	12.7	63.0	2010.7
1994	980.2	966.6	2.1	26.0	36.8	21.4	2032.9	26.6	0.0	0.1	0.7	23.6	12.7	63.7	2096.7
1995	1020.5	996.8	2.0	25.5	39.6	22.5	2106.8	27.1	0.0	0.1	0.7	24.7	13.2	65.9	2172.7
1996	1099.8	1069.8	2.0	24.6	41.5	23.3	2260.9	27.1	0.0	0.1	0.7	24.7	13.2	65.9	2226.8
1997	1069.4	1067.6	1.8	22.6	40.3	22.9	2224.5	29.0	0.0	0.1	0.7	27.1	14.3	71.2	2295.8
1998	1042.0	1016.8	1.7	20.6	41.7	23.1	2145.9	30.5	0.0	0.1	0.7	29.4	15.4	76.0	2221.9
1999	1009.1	907.2	1.5	18.9	42.1	22.1	2000.9	30.3	0.0	0.1	0.7	30.8	16.0	77.8	2078.7
2000	946.0	802.1	1.4	17.0	40.9	20.4	1827.7	30.9	0.0	0.1	0.6	32.3	16.6	80.4	1908.2
2001	885.2	699.7	1.2	15.4	40.0	18.8	1660.3	30.4	0.0	0.0	0.6	33.8	17.3	82.2	1742.6
2002	853.9	637.6	1.2	14.4	39.0	17.3	1563.3	30.8	0.0	0.0	0.6	35.4	17.8	84.6	1647.9
2003	803.6	549.3	1.0	13.1	37.4	15.5	1420.0	31.2	0.0	0.0	0.6	36.9	18.3	86.9	1506.9
2004	756.4	467.6	1.0	12.0	36.9	14.3	1288.1	30.4	0.0	0.0	0.5	38.6	18.8	88.3	1376.4
2005	690.5	385.7	0.9	10.8	36.1	12.6	1136.5	30.6	0.0	0.0	0.5	40.3	19.4	90.8	1227.3
2006	611.5	280.1	0.8	9.4	34.2	10.1	946.1	30.8	0.0	0.0	0.5	42.1	20.0	93.3	1039.5
2007	545.5	190.3	0.7	8.2	34.1	8.0	786.8	29.7	0.0	0.0	0.5	44.0	20.6	94.7	881.5
2008	497.2	128.6	0.6	7.3	33.2	6.2	673.1	29.7	0.0	0.0	0.4	45.9	21.3	97.4	770.5
2009	447.8	89.4	0.5	6.4	33.1	5.4	582.5	29.7	0.0	0.0	0.4	48.0	22.0	100.1	682.7
2010	407.1	66.9	0.5	5.7	32.7	4.9	517.8	28.2	0.0	0.0	0.4	50.1	22.8	101.5	619.3

Table 27

High Scenario Petroleum Production Revenue Forecast
 (Millions of \$)

Fiscal Year	Alaska North Slope						Cook Inlet						State Total
	Royalty	Oil	Oil Severance	Cons. Tax	Hazardous Rel. Fund	Gas Royalty	Gas Severance	ANS Total	Oil Royalty	Oil Severance	Gas Royalty	Gas Severance	Cook Inlet Total
1992	836.4	852.3	2.2	27.6	21.9	16.1	1756.4	22.3	0.0	0.1	0.7	26.8	16.0
1993	952.6	956.5	2.1	25.9	33.9	20.8	1991.8	26.5	0.0	0.1	0.7	23.0	12.7
1994	1079.3	1059.1	2.1	26.0	40.9	23.8	2231.2	28.0	0.0	0.1	0.7	24.9	13.5
1995	1114.8	1083.0	2.0	25.5	43.5	24.7	2293.6	28.5	0.0	0.1	0.7	26.0	13.9
1996	1297.5	1276.2	2.1	26.3	46.1	26.7	2674.8	28.5	0.0	0.1	0.7	26.0	13.9
1997	1329.9	1348.2	2.0	25.1	45.6	27.1	2777.8	30.8	0.0	0.1	0.7	28.8	15.2
1998	1356.1	1369.9	1.9	23.9	47.3	28.3	2827.5	32.8	0.0	0.1	0.7	31.5	16.5
1999	1382.0	1326.4	1.8	22.8	48.3	28.5	2809.9	32.9	0.0	0.1	0.7	33.4	17.3
2000	1321.4	1217.3	1.7	20.6	47.6	27.3	2635.9	33.8	0.0	0.1	0.6	35.3	18.2
2001	1271.0	1116.5	1.5	18.7	47.8	26.5	2481.9	33.7	0.0	0.0	0.6	37.4	19.2
2002	1260.1	1070.1	1.4	17.5	47.9	25.7	2422.7	34.8	0.0	0.0	0.6	39.9	20.1
2003	1222.4	985.2	1.3	16.0	47.1	24.5	2296.4	35.9	0.0	0.0	0.6	42.5	21.0
2004	1200.2	916.5	1.2	14.9	47.7	24.0	2204.5	35.7	0.0	0.0	0.5	45.3	22.1
2005	1143.4	841.1	1.1	13.5	48.0	23.2	2070.4	36.7	0.0	0.0	0.5	48.3	23.2
2006	1063.6	710.7	1.0	12.0	47.0	21.3	1855.6	37.6	0.0	0.0	0.5	51.5	24.4
2007	996.7	606.0	0.9	10.7	48.3	20.5	1683.0	37.0	0.0	0.0	0.5	54.9	25.7
2008	944.9	528.1	0.8	9.6	48.5	19.4	1551.3	37.8	0.0	0.0	0.4	58.5	27.1
2009	888.2	472.9	0.7	8.6	49.8	19.5	1439.6	38.6	0.0	0.0	0.4	62.4	28.7
2010	834.2	436.7	0.6	7.7	50.7	19.7	1349.6	37.4	0.0	0.0	0.4	66.5	30.3

Table 28

Projected and Historical Crude Oil Prices
Alaska North Slope Crude and Domestic Marker
 In 1992 Constant \$/barrel

Fiscal Year	Low Scenario			Mid Scenario			High Scenario		
	WTI	ANS at Wellhead	WTI	ANS at Wellhead	WTI	ANS at Wellhead	WTI	ANS at Wellhead	WTI
1992	20.62	11.21	20.62	11.21	20.62	11.21	20.62	11.21	20.62
1993	19.99	12.35	20.10	12.49	20.20	12.65	20.20	12.65	20.20
1994	18.77	11.71	20.00	12.75	21.08	13.73	21.08	13.73	21.08
1995	18.87	11.93	20.20	13.05	20.99	13.81	20.99	13.81	20.99
1996	19.69	13.03	21.23	14.31	22.12	15.17	22.12	15.17	22.12
1997	20.27	13.72	22.09	15.28	23.02	16.20	23.02	16.20	23.02
1998	20.27	13.94	22.31	15.68	23.25	16.68	23.25	16.68	23.25
1999	20.27	13.76	22.54	15.63	23.48	16.72	23.48	16.72	23.48
2000	20.27	13.59	22.76	15.64	23.72	16.83	23.72	16.83	23.72
2001	20.27	13.45	22.88	15.61	24.07	17.04	24.07	17.04	24.07
2002	20.27	13.28	22.99	15.56	24.44	17.23	24.44	17.23	24.44
2003	20.27	13.11	23.11	15.51	24.80	17.44	24.80	17.44	24.80
2004	20.27	12.88	23.22	15.41	25.17	17.60	25.17	17.60	25.17
2005	20.27	12.61	23.34	15.29	25.55	17.76	25.55	17.76	25.55
2006	20.27	12.28	23.45	15.09	25.93	17.88	25.93	17.88	25.93
2007	20.27	12.10	23.57	15.04	26.32	18.12	26.32	18.12	26.32
2008	20.27	11.86	23.69	14.91	26.72	18.31	26.72	18.31	26.72
2009	20.27	11.68	23.81	14.83	27.12	18.55	27.12	18.55	27.12
2010	20.27	11.48	23.93	14.74	27.51	18.76	27.51	18.76	27.51

Table 29

Low Scenario Simulated Oil Production
(Millions of barrels/day)

Fiscal Year	NGI's Prudhoe Kuparuk	Milne Point	Endicott	Lisburne	West Sak	North Star	Niakuk	Point McIntyre	Sag Delta	Schrader Bluff	West Beach	Total ANS	Cook Inlet	State Total
1992	0.069	1.239	0.316	0.017	0.107	0.037	0.000	0.000	0.004	0.003	0.000	1.792	0.042	1.833
1993	0.073	1.141	0.321	0.016	0.114	0.031	0.000	0.000	0.003	0.001	0.001	1.703	0.041	1.744
1994	0.075	1.115	0.310	0.017	0.099	0.027	0.000	0.000	0.054	0.002	0.003	1.704	0.042	1.746
1995	0.076	1.063	0.310	0.015	0.089	0.019	0.000	0.010	0.083	0.001	0.002	1.674	0.039	1.713
1996	0.072	0.990	0.275	0.015	0.094	0.017	0.012	0.000	0.020	0.103	0.001	0.002	0.006	1.606
1997	0.065	0.906	0.248	0.011	0.087	0.016	0.012	0.000	0.021	0.103	0.001	0.002	0.005	1.476
1998	0.063	0.831	0.221	0.009	0.085	0.014	0.012	0.000	0.019	0.093	0.000	0.002	0.004	1.352
1999	0.061	0.717	0.191	0.008	0.083	0.013	0.019	0.049	0.016	0.084	0.000	0.001	0.003	1.244
2000	0.056	0.632	0.171	0.007	0.070	0.011	0.025	0.055	0.013	0.075	0.000	0.001	0.003	1.120
2001	0.053	0.560	0.155	0.006	0.061	0.009	0.037	0.055	0.011	0.068	0.000	0.001	0.002	1.017
2002	0.050	0.499	0.147	0.005	0.053	0.008	0.050	0.055	0.009	0.062	0.000	0.001	0.002	0.941
2003	0.046	0.438	0.135	0.004	0.046	0.007	0.063	0.049	0.008	0.053	0.000	0.001	0.002	0.853
2004	0.044	0.389	0.124	0.004	0.039	0.006	0.075	0.041	0.008	0.045	0.000	0.001	0.001	0.777
2005	0.042	0.339	0.116	0.003	0.034	0.005	0.075	0.033	0.007	0.039	0.000	0.001	0.001	0.695
2006	0.039	0.287	0.108	0.002	0.029	0.003	0.071	0.027	0.007	0.033	0.000	0.001	0.001	0.607
2007	0.037	0.242	0.099	0.000	0.025	0.000	0.064	0.025	0.006	0.028	0.000	0.001	0.001	0.529
2008	0.035	0.212	0.094	0.000	0.022	0.000	0.058	0.022	0.005	0.024	0.000	0.001	0.001	0.473
2009	0.034	0.190	0.086	0.000	0.015	0.000	0.052	0.019	0.004	0.020	0.000	0.001	0.001	0.422
2010	0.033	0.173	0.077	0.000	0.008	0.000	0.047	0.016	0.003	0.017	0.000	0.001	0.001	0.397

Table 30

**Mid Scenario Simulated Oil Production
(Millions of barrels/day)**

Fiscal Year	NGL's Prudhoe Kuparuk	Milne Point	Endicott	Lisburne	West Sak	North Star	Niakuk	Point McIntrye	Sag Delta	Schrader Bluff	West Beach	Total ANS	Cook Inlet	State Total
1992	0.069	1.239	0.316	0.017	0.107	0.037	0.000	0.000	0.000	0.004	0.003	0.000	1.792	0.042
1993	0.073	1.141	0.321	0.016	0.114	0.031	0.000	0.000	0.000	0.003	0.001	0.001	1.703	0.041
1994	0.075	1.115	0.310	0.017	0.099	0.027	0.000	0.000	0.054	0.002	0.003	0.003	1.704	0.042
1995	0.076	1.063	0.310	0.015	0.089	0.019	0.000	0.010	0.083	0.001	0.002	0.006	1.674	0.039
1996	0.072	0.990	0.275	0.015	0.097	0.017	0.012	0.000	0.020	0.103	0.001	0.002	1.609	0.038
1997	0.065	0.906	0.248	0.011	0.092	0.016	0.012	0.000	0.021	0.103	0.001	0.002	1.480	0.037
1998	0.063	0.831	0.221	0.009	0.090	0.014	0.012	0.000	0.019	0.093	0.000	0.002	1.357	0.035
1999	0.061	0.717	0.191	0.008	0.089	0.013	0.019	0.049	0.016	0.084	0.000	0.001	1.251	0.034
2000	0.056	0.632	0.171	0.007	0.076	0.011	0.025	0.055	0.013	0.075	0.000	0.001	1.126	0.032
2001	0.053	0.560	0.155	0.006	0.065	0.009	0.037	0.055	0.011	0.068	0.000	0.001	1.022	0.031
2002	0.050	0.499	0.147	0.005	0.057	0.008	0.050	0.055	0.009	0.072	0.000	0.001	0.955	0.030
2003	0.046	0.438	0.135	0.004	0.049	0.007	0.063	0.049	0.008	0.067	0.000	0.001	0.871	0.028
2004	0.044	0.389	0.124	0.004	0.042	0.006	0.075	0.041	0.008	0.063	0.000	0.001	0.797	0.027
2005	0.042	0.339	0.116	0.003	0.037	0.005	0.075	0.033	0.007	0.060	0.000	0.001	0.719	0.026
2006	0.039	0.287	0.108	0.003	0.031	0.004	0.071	0.027	0.007	0.052	0.000	0.001	0.629	0.024
2007	0.037	0.242	0.099	0.000	0.027	0.004	0.064	0.026	0.006	0.044	0.000	0.001	0.551	0.023
2008	0.035	0.212	0.094	0.000	0.023	0.002	0.058	0.023	0.005	0.038	0.000	0.001	0.492	0.022
2009	0.034	0.190	0.086	0.000	0.016	0.000	0.052	0.021	0.004	0.033	0.000	0.001	0.437	0.020
2010	0.033	0.173	0.077	0.000	0.009	0.000	0.047	0.018	0.003	0.028	0.000	0.001	0.391	0.019

Table 31

**High Scenario Simulated Oil Production
(Millions of barrels/day)**

Fiscal Year	NGL's	Prudhoe Bay	Kuparuk	Milne Point	Endicott	Lishburne	West Sak	North Star	Niakuk	Point McIntyre	Sag Delta	Schrader Bluff	West Beach	Total ANS	Cook Inlet	State Total
1992	0.069	1.239	0.316	0.017	0.107	0.037	0.000	0.000	0.000	0.004	0.003	0.000	1.792	0.042	1.833	
1993	0.073	1.141	0.321	0.016	0.114	0.031	0.000	0.000	0.000	0.003	0.003	0.001	1.703	0.041	1.744	
1994	0.075	1.115	0.310	0.017	0.099	0.027	0.000	0.000	0.054	0.002	0.003	0.003	1.704	0.042	1.746	
1995	0.076	1.063	0.310	0.015	0.089	0.019	0.000	0.000	0.010	0.083	0.001	0.002	0.006	1.674	0.039	1.713
1996	0.072	1.093	0.280	0.015	0.098	0.017	0.012	0.000	0.020	0.103	0.001	0.002	0.006	1.719	0.038	1.757
1997	0.065	1.056	0.255	0.011	0.093	0.016	0.012	0.000	0.021	0.103	0.001	0.002	0.005	1.638	0.037	1.675
1998	0.063	1.023	0.230	0.009	0.092	0.014	0.012	0.000	0.019	0.093	0.000	0.002	0.004	1.560	0.035	1.595
1999	0.061	0.948	0.202	0.008	0.091	0.013	0.019	0.049	0.016	0.084	0.000	0.001	0.003	1.494	0.034	1.528
2000	0.056	0.844	0.182	0.007	0.077	0.011	0.025	0.055	0.013	0.075	0.000	0.001	0.003	1.350	0.032	1.382
2001	0.053	0.755	0.164	0.006	0.067	0.009	0.037	0.055	0.011	0.068	0.000	0.001	0.002	1.228	0.031	1.259
2002	0.050	0.679	0.155	0.005	0.058	0.008	0.050	0.055	0.009	0.077	0.000	0.001	0.002	1.149	0.030	1.179
2003	0.046	0.604	0.144	0.004	0.050	0.007	0.063	0.049	0.008	0.074	0.000	0.001	0.002	1.052	0.028	1.080
2004	0.044	0.541	0.132	0.004	0.043	0.006	0.086	0.041	0.008	0.072	0.000	0.001	0.001	0.978	0.027	1.005
2005	0.042	0.480	0.123	0.003	0.037	0.005	0.091	0.033	0.007	0.070	0.000	0.001	0.001	0.893	0.026	0.919
2006	0.039	0.416	0.114	0.003	0.032	0.004	0.091	0.027	0.007	0.060	0.000	0.001	0.001	0.795	0.024	0.819
2007	0.037	0.362	0.105	0.000	0.027	0.004	0.089	0.026	0.006	0.052	0.000	0.001	0.001	0.709	0.023	0.732
2008	0.035	0.322	0.099	0.000	0.023	0.003	0.080	0.023	0.005	0.045	0.000	0.001	0.001	0.638	0.022	0.660
2009	0.034	0.291	0.090	0.000	0.016	0.003	0.073	0.021	0.004	0.039	0.000	0.001	0.001	0.572	0.020	0.592
2010	0.033	0.266	0.082	0.000	0.010	0.002	0.066	0.018	0.003	0.033	0.000	0.001	0.001	0.514	0.019	0.533

HISTORICAL REVENUES, PRICES AND PRODUCTION

This section reports on historical revenues, prices and production. The first two tables show General Fund revenues by type from FY 1978 - 91, and breaks them into unrestricted and restricted categories. Table 34 shows petroleum revenues by type from statehood to the present (FY 1959 - 91). And finally, historical prices and production (FY 1978-92) are shown in Table 35.

Table 32

Historical General Fund Unrestricted Revenues**-Tax Portion-**

(\$ millions)	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91	FY 92
Corporate - General	24.8	17.9	34.8	34.8	30.3	39.5	36.0	11.2	20.5	23.4	38.0	45.3	37.9	33.7
Corporate - Petroleum	232.6	547.5	860.1	668.9	236.0	265.1	168.6	133.9	120.4	158.0	166.0	117.2	185.1	165.5
Fiduciary	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Individual	117.2	100.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Income	374.7	666.0	894.9	703.7	266.3	304.6	204.6	145.1	140.9	181.4	204.0	162.5	223.0	199.2
Alaska Business License	28.2	4.2	5.4	5.5	6.9	19.9	38.8	2.1	1.5	1.4	1.0	0.1	0.0	0.0
Fish	11.9	14.6	20.7	22.8	20.5	19.0	18.7	21.1	26.5	22.5	26.7	25.1	31.1	30.1
Salmon Enhancement	0.0	0.0	0.0	2.4	2.6	2.2	2.6	4.3	4.4	5.8	9.5	6.5	6.2	4.2
Seafood Marketing	0.0	0.0	0.0	0.9	1.1	1.0	1.1	1.4	2.7	3.3	3.3	3.3	3.3	2.8
Insurance Companies	10.8	10.4	10.6	12.5	13.8	16.2	17.5	21.1	23.7	19.4	22.7	24.4	25.5	25.5
Other	1.9	2.1	1.2	1.4	1.6	2.0	2.1	2.2	2.3	2.4	2.2	4.6	4.1	4.1
Total Gross Receipts	52.8	31.3	37.9	44.6	46.3	60.4	80.7	51.9	59.8	58.5	62.1	62.3	69.1	66.7
Gravel, Timber, Etc.	1.7	1.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oil & Gas Production	173.6	506.2	1169.9	1581.1	1493.0	1392.4	1388.7	1107.4	647.3	816.4	696.4	972.3	1253.8	1022.2
Oil & Hazardous Release	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	28.0
Oil & Gas Conservation	0.2	0.3	0.3	0.3	0.6	0.7	0.7	0.7	0.5	1.2	2.3	2.4	2.4	2.3
Total Severance	175.5	508.1	1172.9	1581.7	1493.7	1393.1	1389.4	1107.9	648.5	818.7	698.8	1001.6	1284.1	1053.2
Oil & Gas Property	163.4	168.9	143.0	142.7	152.6	131.0	128.4	113.5	102.5	96.2	89.7	89.7	89.8	89.0
Vehicle Registration	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Property	163.6	169.0	143.2	142.7	152.6	131.0	128.4	113.5	102.5	96.2	89.7	89.7	89.8	89.0
Alcoholic Beverages	7.4	7.4	8.3	9.0	10.4	13.0	13.9	13.3	12.6	12.1	11.8	12.0	12.2	12.0
Fuel Taxes - Aviation	3.4	4.0	4.1	6.3	8.7	8.1	8.0	8.1	8.5	9.0	10.1	9.4	10.7	10.7
Fuel Taxes - Highway	16.3	18.9	15.6	20.3	23.7	20.2	23.7	22.7	18.3	19.3	20.0	22.9	19.1	23.2
Fuel Taxes - Marine	2.6	3.2	3.5	3.7	4.3	3.9	4.3	5.3	5.4	5.3	7.2	9.2	10.0	9.4
Tobacco Products	1.7	1.6	1.7	1.9	2.0	2.0	2.0	4.9	6.6	6.1	6.4	11.0	14.0	14.3
Total Sale/Use	31.4	35.1	33.2	41.2	49.1	47.2	51.9	54.3	51.4	51.8	55.5	64.5	66.0	69.6
Estate	0.1	0.2	0.5	0.3	0.7	0.7	0.5	0.7	1.1	0.3	0.7	1.1	3.3	1.0
School	2.5	2.6	0.0	0.0	0.7	0.7	0.5	0.7	1.1	0.3	0.7	1.1	3.3	1.0
Total Other	2.6	2.8	0.5	0.3	0.7	0.7	0.5	0.7	1.1	0.3	0.7	1.1	3.3	1.0
Total Taxes	800.6	1412.3	2282.6	2514.2	2008.7	1937.0	1855.5	1473.4	1004.2	1206.9	1111.8	1381.8	1730.5	1458.7

	- Non-Tax Portion-													
(\$ millions)	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91	FY 92
Business	7.5	8.1	9.1	10.8	10.8	11.9	11.3	10.0	8.6	8.1	6.7	5.8	5.3	
Non-Business	<u>12.3</u>	<u>10.7</u>	<u>12.2</u>	<u>13.0</u>	<u>14.9</u>	<u>15.9</u>	<u>17.0</u>	<u>18.0</u>	<u>19.2</u>	<u>19.7</u>	<u>20.2</u>	<u>21.1</u>	<u>23.3</u>	<u>27.1</u>
Total Licenses & Permits	19.8	18.8	21.3	23.8	25.7	26.7	28.9	29.3	29.2	28.3	28.3	27.8	29.1	32.4
Intergovernmental Receipts														
Federal Shared Revenues	4.1	4.8	8.5	21.7	33.3	14.0	10.5	14.5	9.7	6.9	6.1	10.0	14.8	11.4
State Resource Revenue														
Bonus Sales	0.0	342.4	7.6	5.0	36.2	10.1	11.5	34.7	0.5	5.6	11.4	0.0	18.9	2.6
Investment Earnings	59.2	119.9	227.8	324.7	375.8	282.7	233.5	195.2	161.9	132.6	100.7	117.9	125.0	101.8
Rents	2.1	3.0	5.4	3.5	4.3	6.0	5.1	6.2	6.0	6.0	5.3	5.3	5.9	3.9
Royalties	249.2	688.2	1118.5	1157.3	1078.4	1047.5	1034.0	830.7	439.3	694.8	605.9	747.4	951.6	702.4
Sale of State Property	8.4	5.7	4.8	5.2	6.3	7.0	8.5	8.7	7.0	3.8	4.9	4.3	4.7	1.0
Gravel, Timber, etc.	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>1.2</u>	<u>4.0</u>	<u>2.9</u>	<u>3.1</u>	<u>2.9</u>	<u>7.2</u>	<u>1.1</u>	<u>0.5</u>	<u>0.8</u>	<u>0.4</u>	<u>0.6</u>
Total Sale/Use	318.9	1159.2	1364.1	1496.9	1505.0	1356.2	1295.7	1078.4	621.9	843.9	728.7	875.7	1106.5	812.3
Airports	0.9	0.8	1.1	1.6	1.4	1.5	1.6	1.5	1.5	1.8	1.2	1.5	1.3	3.4
Ferry System	18.9	21.1	24.4	29.2	30.4	32.0	33.4	32.3	31.3	29.8	33.1	34.0	40.7	42.3
Other	<u>3.1</u>	<u>4.1</u>	<u>3.7</u>	<u>3.6</u>	<u>5.5</u>	<u>4.3</u>	<u>7.9</u>	<u>5.2</u>	<u>4.1</u>	<u>0.1</u>	<u>0.7</u>	<u>1.4</u>	<u>1.7</u>	<u>2.3</u>
Total Facilities Charges	22.9	26.0	29.2	34.4	37.3	37.8	42.9	39.0	36.9	32.3	35.7	37.2	43.5	48.0
Court System	2.8	2.8	2.9	3.5	4.2	4.1	4.5	5.1	5.3	5.5	6.0	5.8	6.4	6.2
Other	<u>2.3</u>	<u>2.0</u>	<u>4.1</u>	<u>6.1</u>	<u>5.9</u>	<u>4.8</u>	<u>5.2</u>	<u>4.1</u>	<u>4.8</u>	<u>2.0</u>	<u>1.9</u>	<u>3.2</u>	<u>7.3</u>	<u>32.2</u>
Total Services Charges	5.1	4.8	7.0	9.6	10.1	8.9	9.7	9.2	10.1	7.5	7.9	9.0	13.7	38.4
Total State Resource Revenue	346.9	1190.0	1400.3	1540.9	1552.4	1402.9	1348.3	1126.6	668.9	883.7	772.3	921.9	1163.7	898.7
Miscellaneous Revenue	7.2	6.7	5.5	7.8	10.9	9.5	16.8	13.0	16.9	16.1	10.0	10.9	14.9	61.4
Sub-Total Non-Tax Revenue	378.0	1220.3	1435.6	1594.2	1622.3	1453.1	1404.5	1183.4	724.7	935.0	816.7	970.6	1222.5	1003.9
Less: Native Claims	45.6	131.4												
Plus: Income from prior years														
Total Non-Tax Revenue	332.4	1088.9	1435.6	1594.2	1622.3	1453.1	1404.5	1602.1	795.2	1098.9	1074.4	1125.4	1256.1	1003.9
Total Tax Revenue	800.6	1412.3	2282.6	2514.2	2008.7	1937.0	1855.5	1473.4	1004.2	1206.9	1111.8	1381.8	1730.5	1458.7
Total General Fund	1133.0	2501.2	3718.2	4108.4	3631.0	3390.1	3260.0	3075.5	1799.4	2305.8	2186.2	2507.2	2986.6	2462.6
Unrestricted Revenue														

Table 33

**Historical Restricted Revenues
And Total General Fund Revenues**

(\$ millions)	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91	FY 92
Federal Grants-In-Aid															
Education	27.3	27.8	30.7	33.0	25.7	33.8	44.8	76.2	42.0	78.0	54.2	73.3	100.4	77.1	69.0
Social Services	57.7	57.8	60.0	68.7	80.7	91.2	100.7	125.2	156.4	154.2	167.4	194.7	211.8	254.3	
Health	15.6	15.4	21.4	26.5	27.1	11.9	10.0	12.5	3.2	3.6	3.4	3.9	4.3	6.0	4.0
Natural Resources	7.9	10.1	6.5	8.3	12.4	15.0	14.2	18.1	17.9	27.8	28.4	30.0	35.8	54.6	41.5
Public Protection/Admin. of Justice	7.1	8.4	7.4	7.1	5.5	5.7	6.6	7.5	7.7	15.0	10.3	12.4	16.1	13.7	14.1
Development/Gen. Government	1.4	2.3	2.8	7.9	4.9	8.6	8.1	6.6	9.3	5.0	7.6	7.8	10.6	16.0	19.5
Transportation	121.6	84.6	69.5	39.9	22.5	11.0	67.7	110.9	88.5	169.8	185.3	195.8	148.9	170.5	235.9
Total	238.6	206.4	198.3	191.4	158.5	166.7	242.6	332.5	293.8	455.6	443.4	490.6	510.8	549.7	638.3
Other Grants-In-Aid															
Education	0.3	0.5	1.6	0.8	0.9	1.0	1.1	1.3	1.4	1.3	2.0	2.3	2.0	2.1	2.7
Health/Social Services	2.6	1.2	0.5	0.2	0.3	0.4	0.4	3.8	4.3	8.5	9.1	6.5	6.4	5.5	9.7
Natural Resources	1.4	1.2	0.6	2.4	1.4	1.0	0.9	0.9	1.4	2.3	6.0	6.2	5.7	7.5	15.2
Public Protection/Admin. of Justice	1.7	1.9	1.8	1.9	1.9	2.4	3.1	.9	2.0	5.7	5.1	5.3	10.3	9.5	12.6
Development/Gen. Government	1.3	1.6	4.1	2.6	3.3	5.3	15.6	6.5	3.6	3.8	5.2	14.0	21.1	1.2	1.2
Transportation	1.0	1.1	1.0	1.6	2.5	0.9	1.2	3.5	0.8	1.1	0.7	1.0	0.1	3.2	0.7
Oil Overcharge Fund	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	
Receipts for Services															10.3
Total	8.3	7.5	9.6	9.5	10.3	11.0	22.3	16.9	13.5	22.7	28.1	35.3	45.6	30.1	52.4
Other Misc. Restricted Revenue	0.9	3.2	5.7	8.1	7.0	15.7	9.8	16.9	16.4	15.8	3.7	20.8	24.2	21.3	6.0
Total Restricted Revenue	247.8	217.1	213.6	209.0	175.8	193.4	274.7	366.3	323.7	494.1	475.2	546.7	580.6	601.1	696.7
Total Unrestricted Revenue	764.9	1133.0	2501.2	3718.2	4108.4	3631.0	3390.1	3260.0	3075.5	1799.4	2305.8	2186.2	2507.2	2986.6	2462.6
Total General Fund Revenue	1012.7	1350.1	2714.8	3927.2	4284.2	3824.4	3664.8	3626.3	3399.2	2293.5	2781.0	2732.9	3087.8	3587.7	3159.3

Source: Department of Revenue, Revenue Sources FY 1978 - FY 1992. Updated March 1993.

Table 34

Historical Petroleum Revenues (Millions of Dollars)

F.Y.	Corporate Petroleum	Non-Petroleum	Oil/Gas Tax	Severance Tax	Property Tax	Reserve Tax	Fed. Min. Rents & Royalties (1)	Bonus Sales	Rents (1)	Royalties (1)	Oil/Gas ⁽²⁾			Total Petroleum Revenues	% of Total G.F. Revenues		
											Special Settlements	Petroleum Revenues	% of Total Unrestricted Revenues				
59	1.4						3.1				3.1	25.4	12				
60	1.7						5.8	4.0	0.1		9.9	48.0	21				
61	1.4						2.4	1.6	0.2		4.2	40.5	10				
62	1.8			0.2			4.5	20.3	1.0		26.0	68.9	38				
63	2.2			0.3			8.6	17.9	1.0		27.8	71.6	39				
64	1.8			0.3			8.7	4.7	1.2		14.9	67.0	22				
65	1.9			0.3			8.3	5.9	1.9	0.1		16.5	83.0	20			
66	4.1			0.3			7.7	10.8	2.5	0.3		21.6	86.5	25			
67	3.5			0.5			7.7	8.6	2.8	1.9		21.5	86.6	25			
68	3.8			0.1			10.2	7.5	21.8	2.9	9.5	43.0	112.7	38			
69	4.2			0.1			5.6	7.8	0.8	3.3	16.9	34.5	112.4	31			
70	4.9			0.4			7.9	8.2	900.0	3.1	19.3	938.9	1067.3	88			
71	5.2			0.9			10.5	8.6	0.2	2.9	23.9	47.0	220.4	21			
72	5.3			1.2			11.4	7.9	0.3	3.0	24.6	48.4	219.2	22			
73	5.9			0.9			12.0	6.7	3.8	3.4	23.5	50.3	208.2	24			
74	7.0			1.2			14.8	7.1	24.8	3.6	28.7	80.2	254.9	31			
75	14.8			2.5			26.6	6.6	9.8	1.0	3.9	40.0	90.4	333.4	27		
76	26.2			4.9			28.0	83.4	223.1	5.1	3.7	43.3	391.5	709.8	55		
77	30.8			5.0			23.8	139.1	270.6	2.0*	2.8*	34.3*	477.6*	874.3	55		
78	25.1			8.4			107.7	173.0		1.0*	1.8*	149.6*	441.5*	764.9	58		
79	24.8			232.6			173.8	163.4		1.0*	1.6*	249.2*	821.6*	1133.0	73		
80	17.9			547.5			506.5	168.9		1.2*	342.4*	1.8*	688.2*	2256.5*	2501.2	90	
81	34.8			860.1			1170.2	143.0		1.2*	7.6*	3.7*	1118.5*	3304.3*	3718.2	89	
82	34.8			668.9			1581.7	142.7		171*	5.0*	2.1*	1157.3*	3574.8*	4108.4	87	
83	30.1			236.0			1493.7	152.6		27.2*	36.2*	2.5*	1078.4*	3026.6*	3631.0	83	
84	39.5			265.1			1393.1	131.0		11.0*	10.1*	3.8*	1047.5*	2861.6*	3390.1	84	
85	36.0			168.6			1389.4	128.4		8.2*	11.5*	3.4*	1034.0*	2743.5*	3260.0	84	
86	11.2			133.9			1108.4	113.5		14.3*	34.7*	4.2*	830.7*	418.2*	3075.5	86	
87	20.5			120.4			648.5	102.5		9.0*	0.5*	3.8*	439.3*	70.5*	1799.4	77	
88	23.4			158.0			818.7	96.2		6.7*	5.6*	5.7*	694.8*	163.9*	2305.8	85	
89	38.0			166.0			698.8	89.7		5.6*	11.4*	5.3*	605.9*	257.7*	1840.4*	84	
90	45.3			117.2			1001.6	89.8		0.0	6.3*	0.0*	4.2*	154.8*	2121.4*	2507.2	85
91	37.9			185.1			1284.8	85.0		0.0	7.1*	18.9*	951.6*	33.5*	2571.8*	86	
92	33.7			165.5			1053.2	69.0		0.0	5.8*	2.6*	4.2*	702.4*	4.7*	2462.6	82

* Net of Permanent Fund contribution and constitutional Budget Reserve Fund deposits.

(1) These categories are primarily composed of oil/gas revenues; however, includes some additional revenues from other minerals (mostly coal).

(2) Not subject to budget reserve fund.

Table 35

Historical Prices and Production

FY	Reported Alaska North Slope (\$/bbl)				Production (Millions of barrels/day)		
	ANS West	ANS Gulf	ANS Lower 48	Cook	Total	ANS	Cook
78	12.30	14.60	13.12	0.702	0.144	0.846	
79	13.70	15.50	14.35	1.197	0.131	1.328	
80	26.50	27.68	26.92	1.422	0.109	1.531	
81	33.48	35.24	34.10	1.511	0.093	1.604	
82	29.55	31.11	30.28	1.570	0.080	1.650	
83	26.88	29.09	28.04	1.627	0.073	1.700	
84	25.61	27.85	26.77	1.657	0.065	1.722	
85	25.11	27.50	26.27	1.694	0.055	1.749	
86	20.48	22.54	21.52	1.802	0.045	1.847	
87	12.89	14.17	13.43	1.849	0.047	1.896	
88	15.65	16.92	16.15	2.005	0.043	2.048	
89	14.03	15.09	14.36	1.960	0.043	2.003	
90	16.88	17.45	17.03	1.853	0.033	1.886	
91	20.66	22.10	20.93	1.799	0.040	1.839	
92	15.93	17.87	16.33	1.791	0.042	1.833	

In accordance with 37.07.060(b)(4), Revenue Sources is compiled biannually by the Department of Revenue to assist the Governor in formulating a proposed comprehensive financial plan for presentation to the State Legislature. Within the publication are shown prior year actuals, revised current year estimates, and future year projections.

Anticipated State income is projected through the use of a number of data sources: 1) econometric models developed by the Department of Revenue to forecast unrestricted non-petroleum revenues, 2) a petroleum revenue model created by the Department's Oil and Gas Audit Division, and 3) estimates from individual State agencies.

The Department of Revenue thanks the various State agencies for their cooperation in computing anticipated revenues for publication in this document.

This publication was released by the Department of Revenue, produced at a cost of \$2.41 per copy to assist the Governor in formulating a proposed comprehensive financial plan for presentation to the State Legislature and printed in Anchorage, Alaska. This publication is required by AS 37.07.060.

